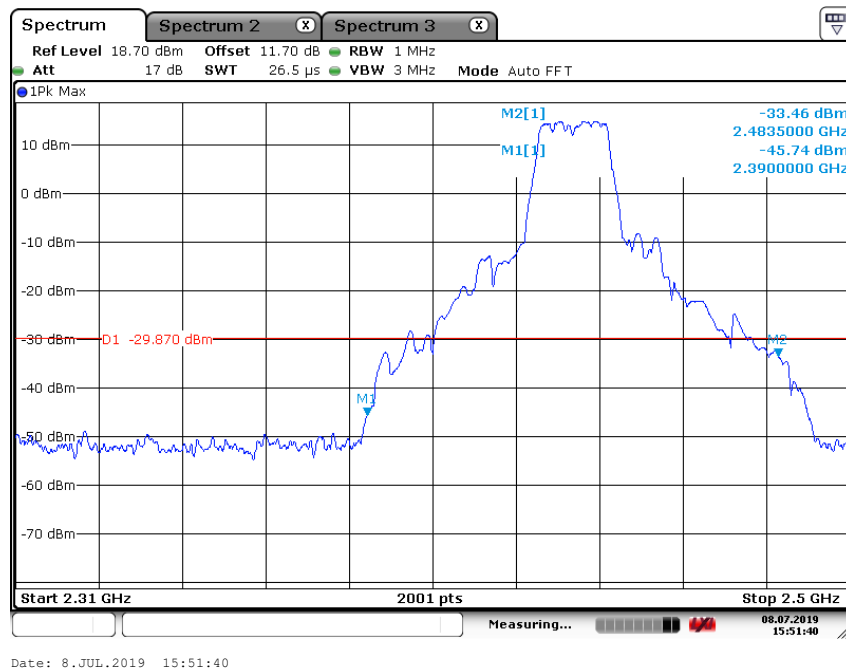
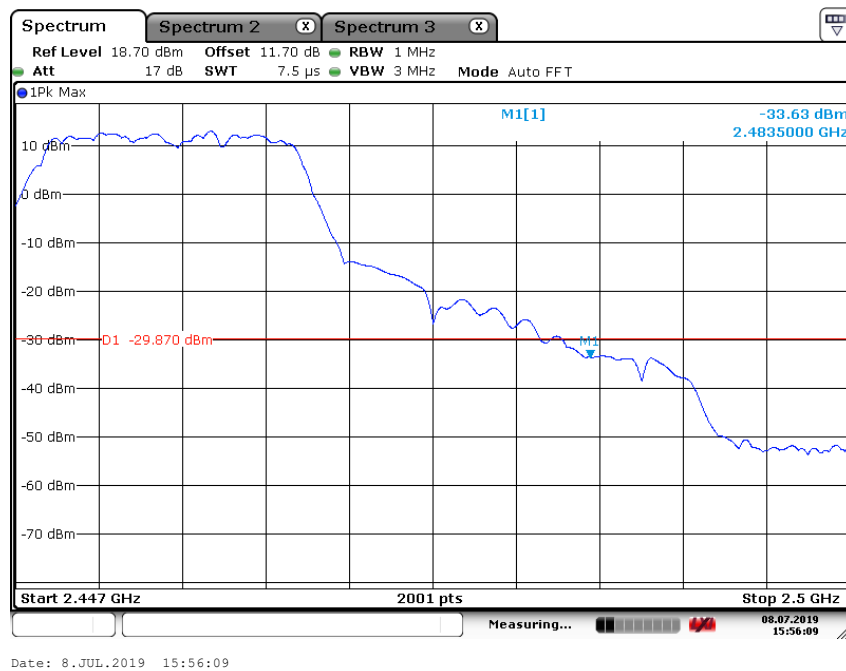
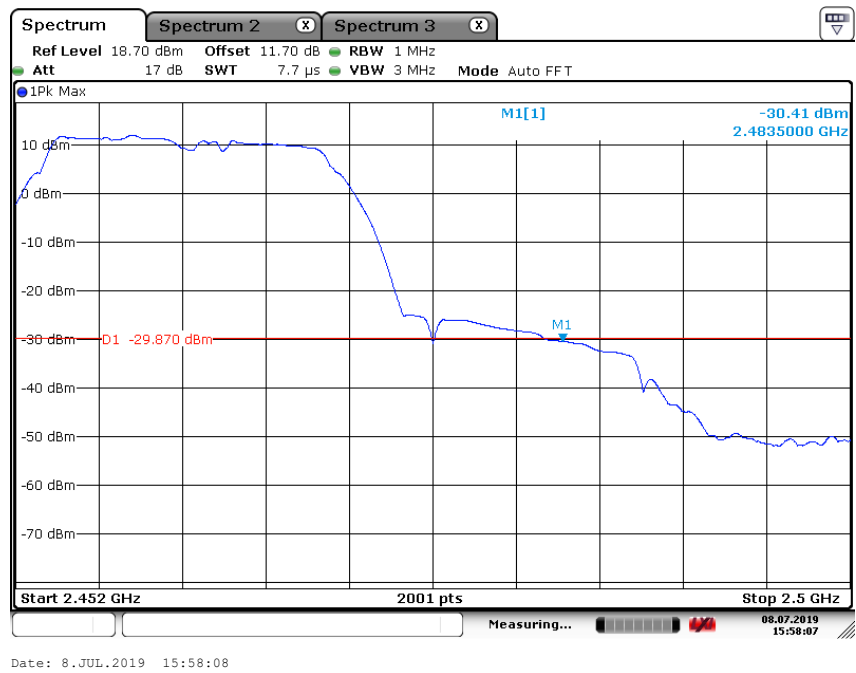
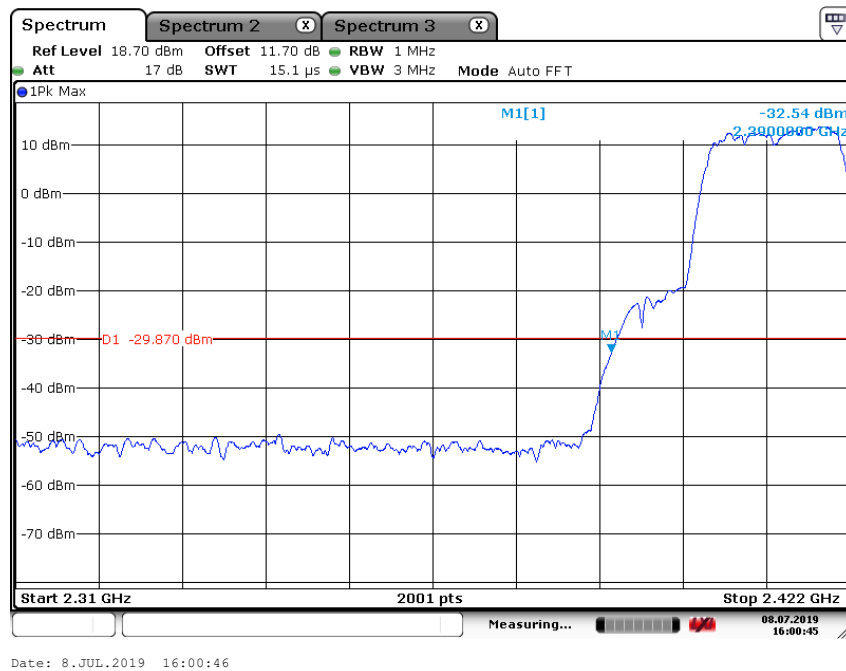
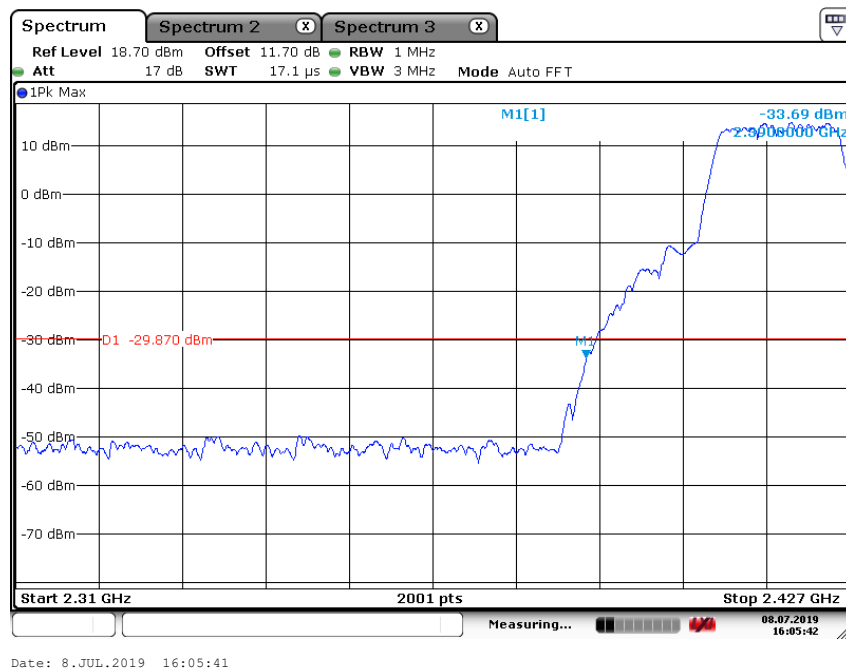
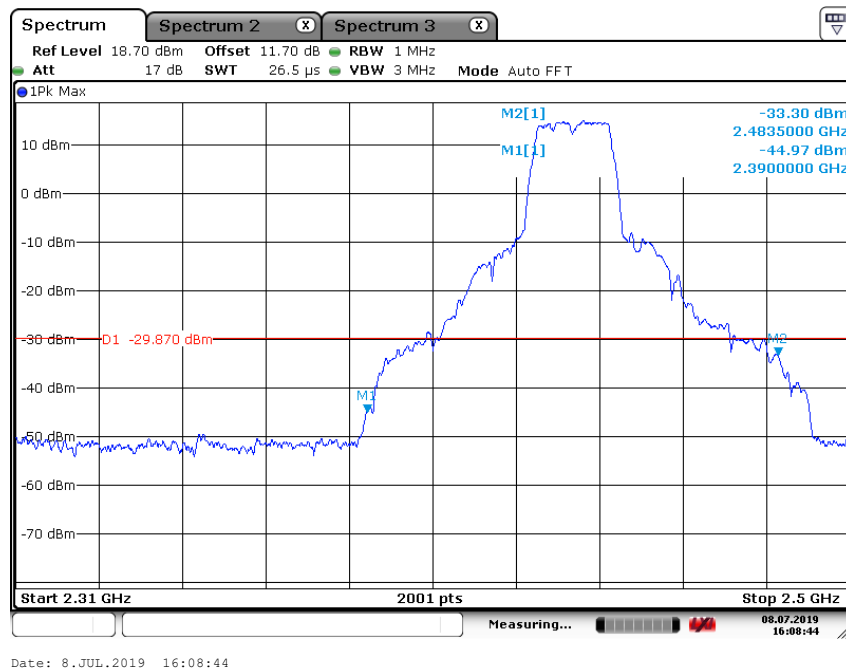
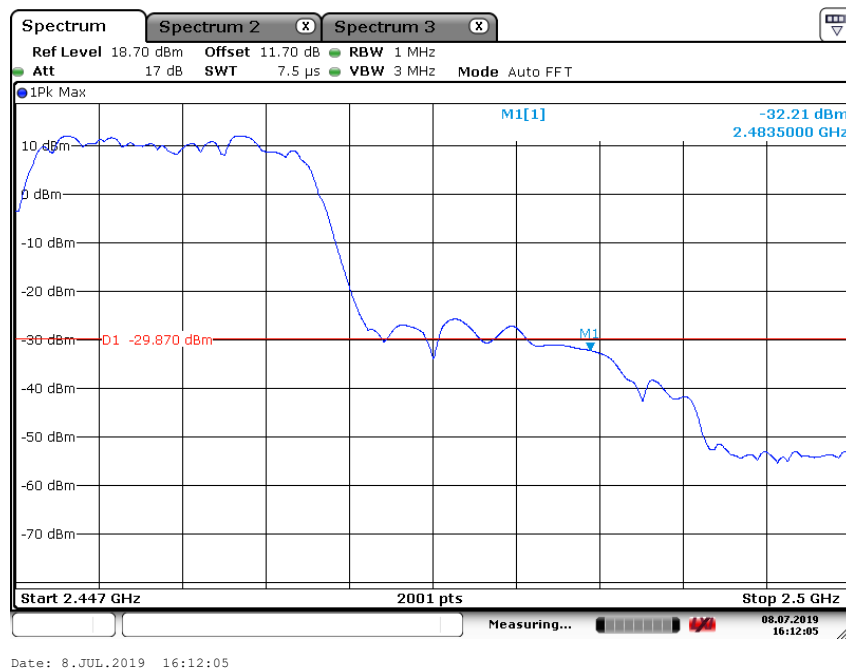


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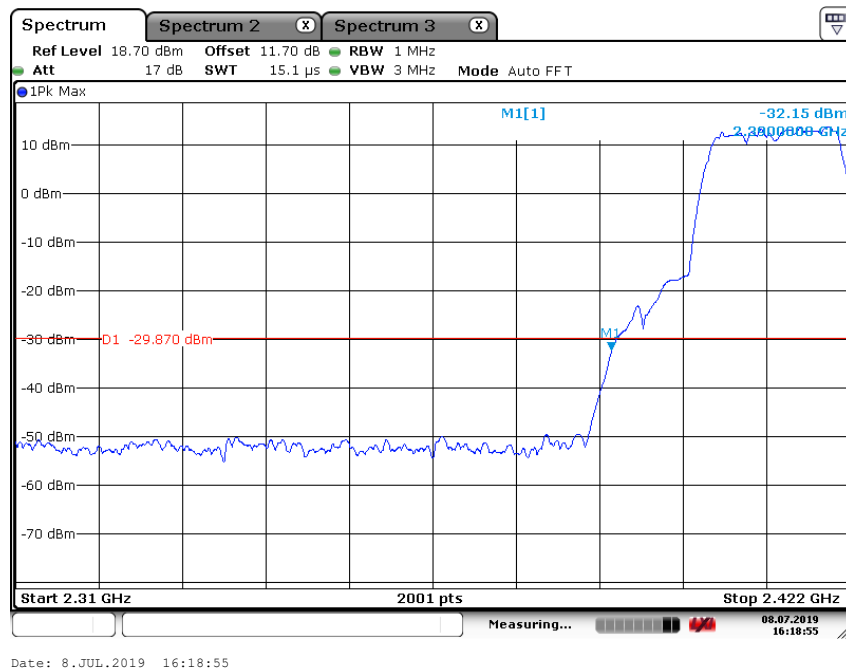
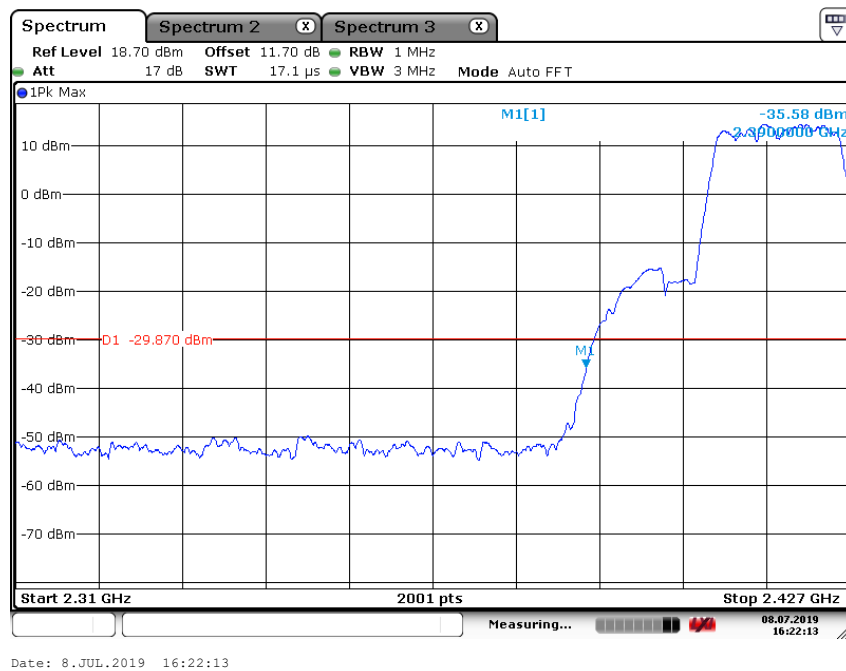


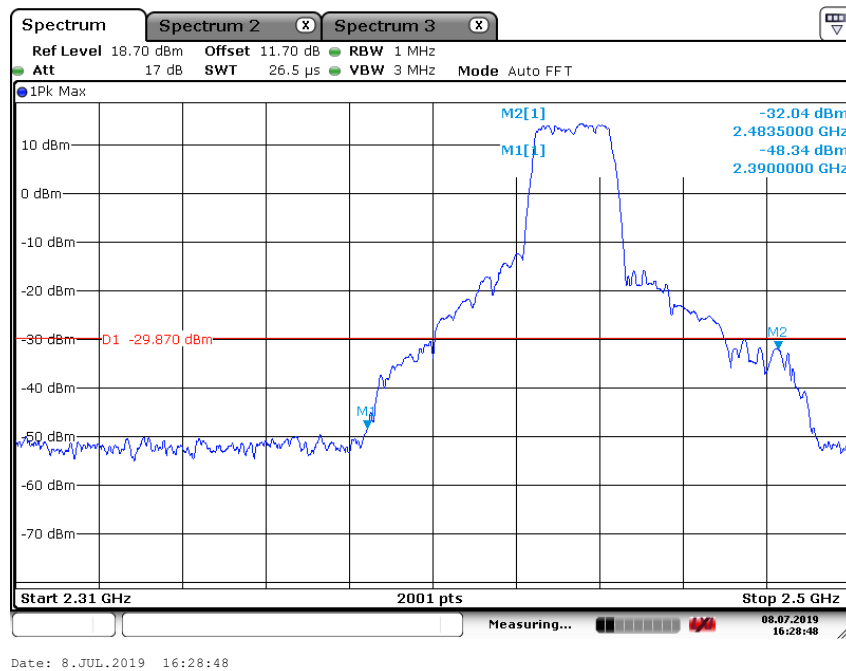
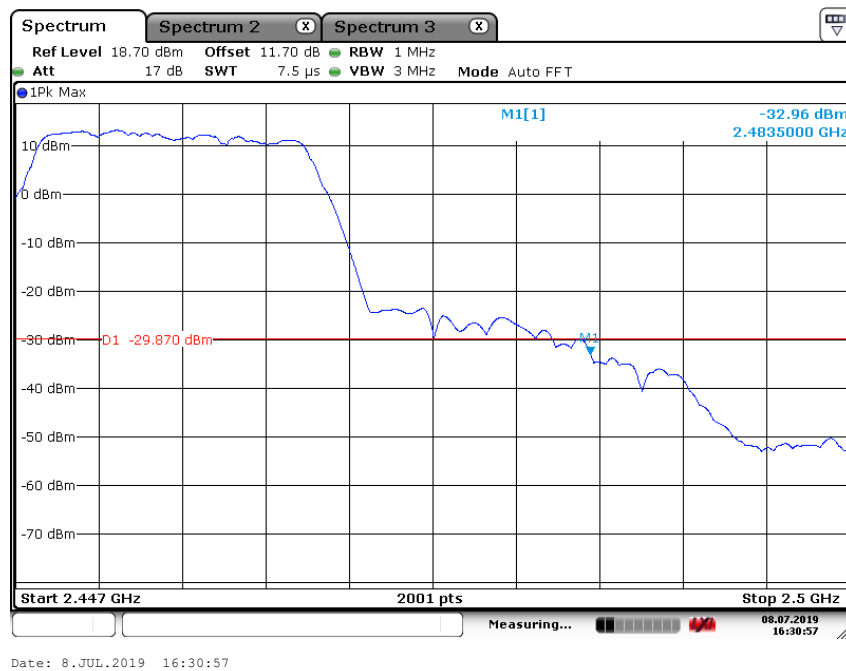
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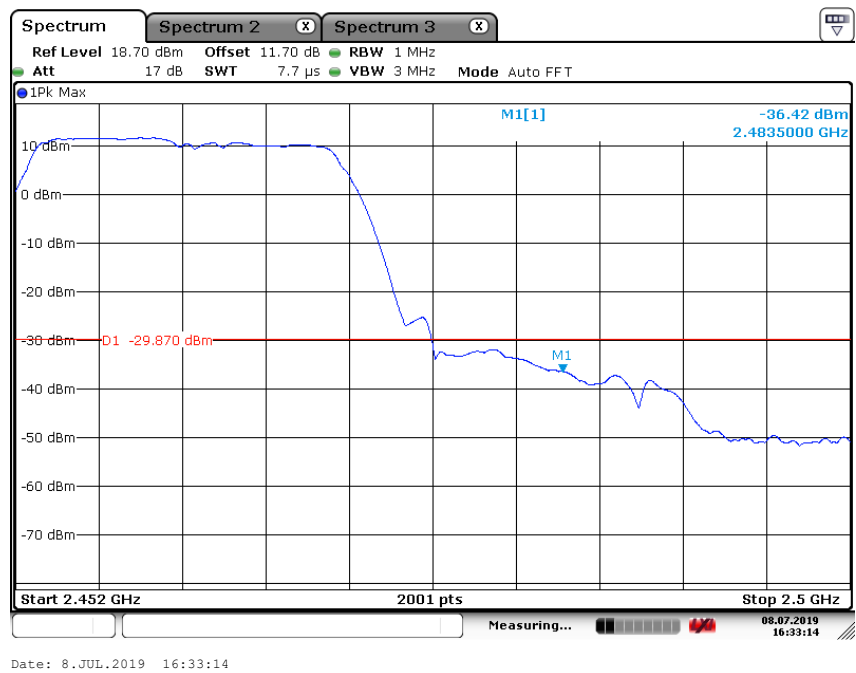
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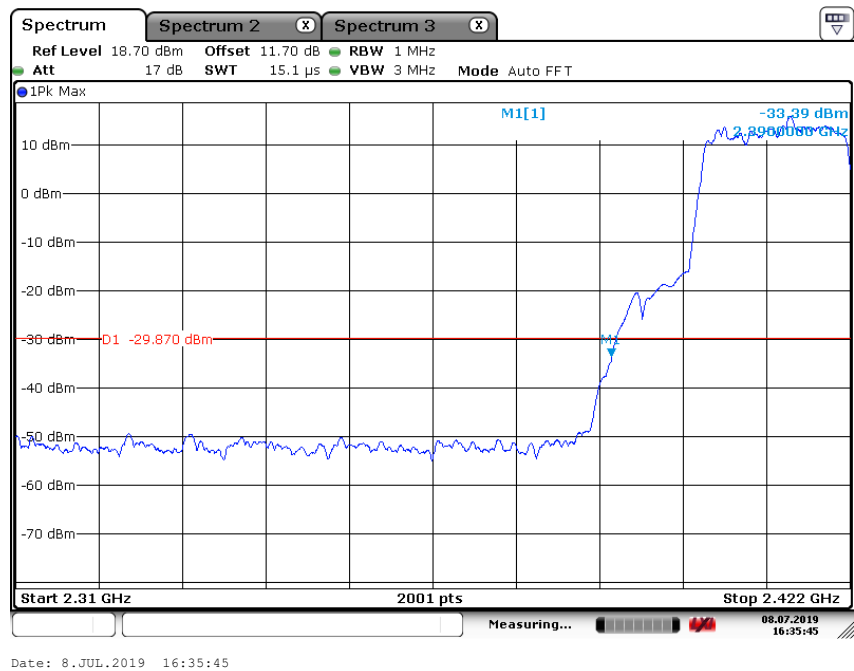
2412MHz by 802.11ac(20MHz):**2417MHz by 802.11ac(20MHz):**

2437MHz by 802.11ac(20MHz):**2457MHz by 802.11ac(20MHz):**

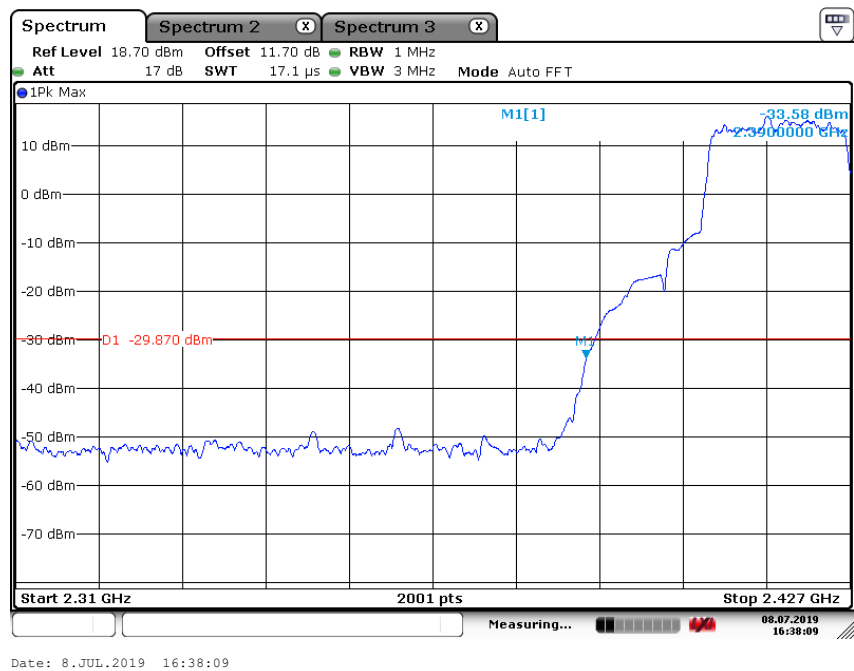
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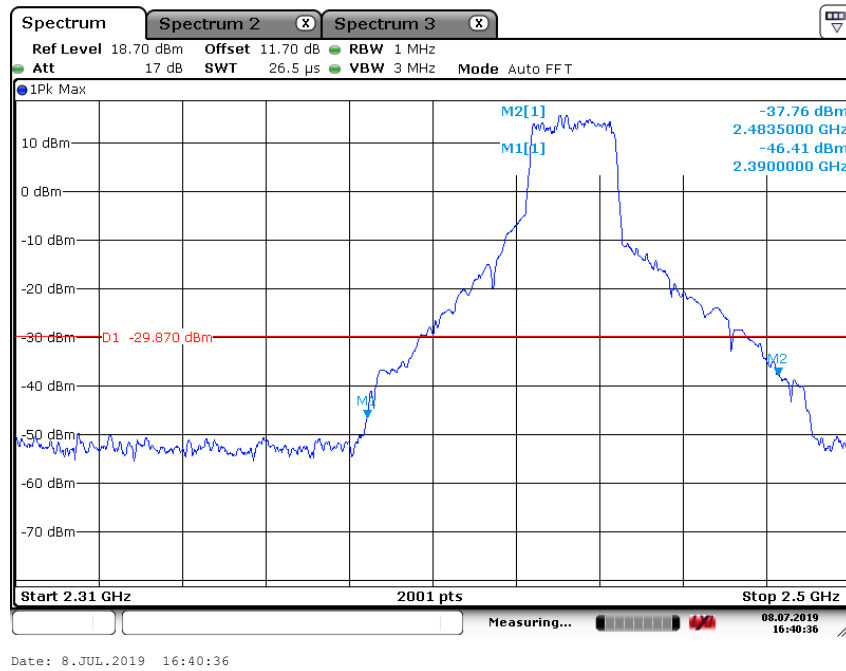
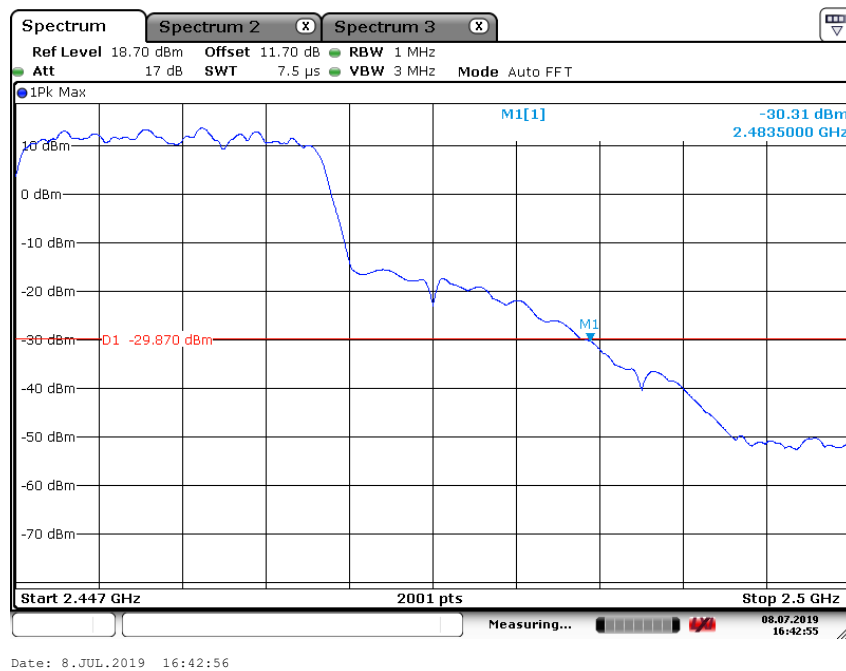


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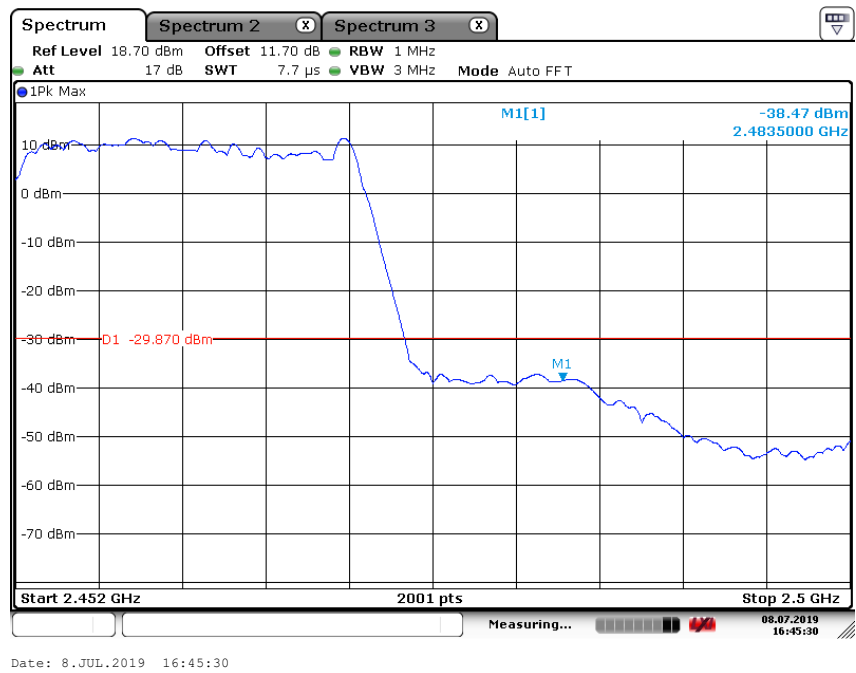


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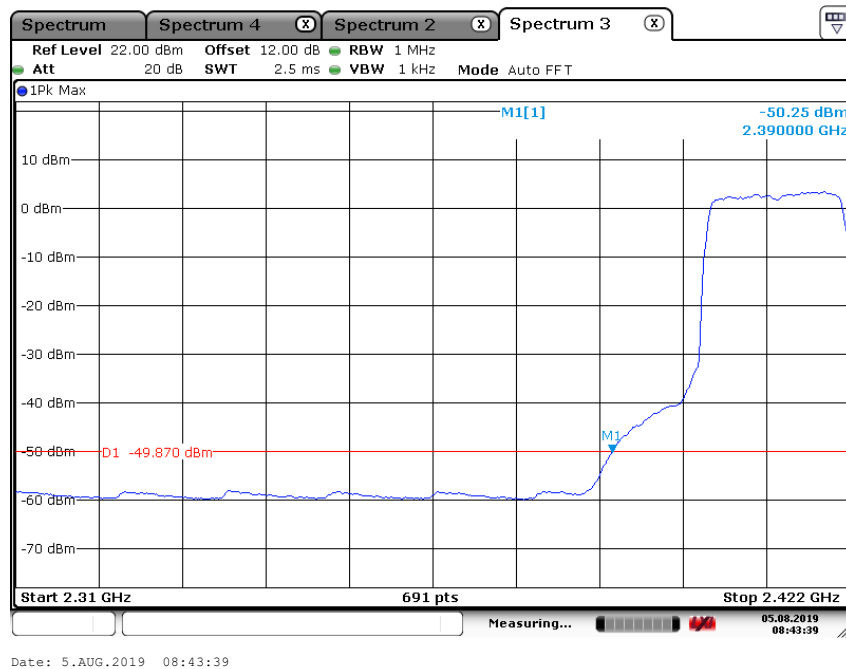


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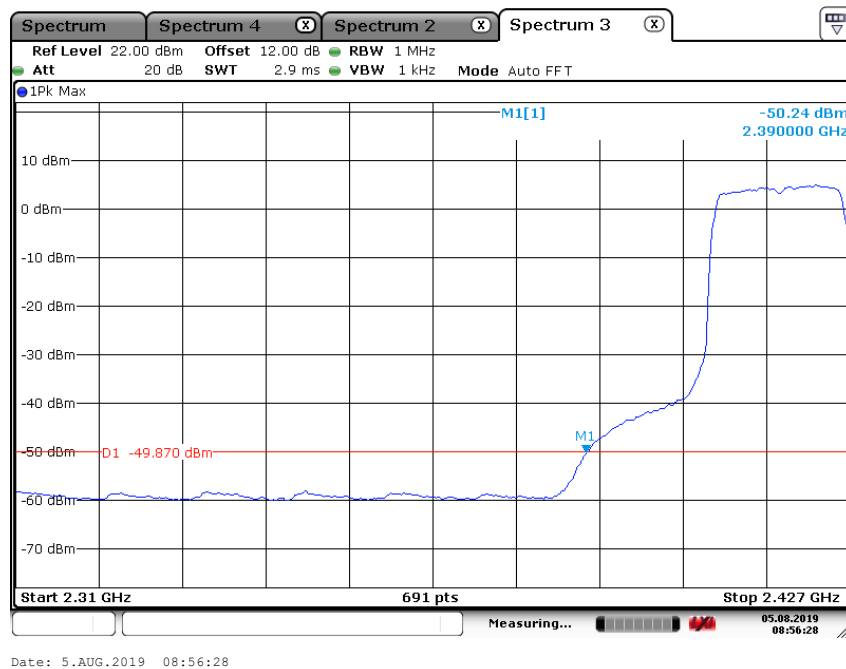
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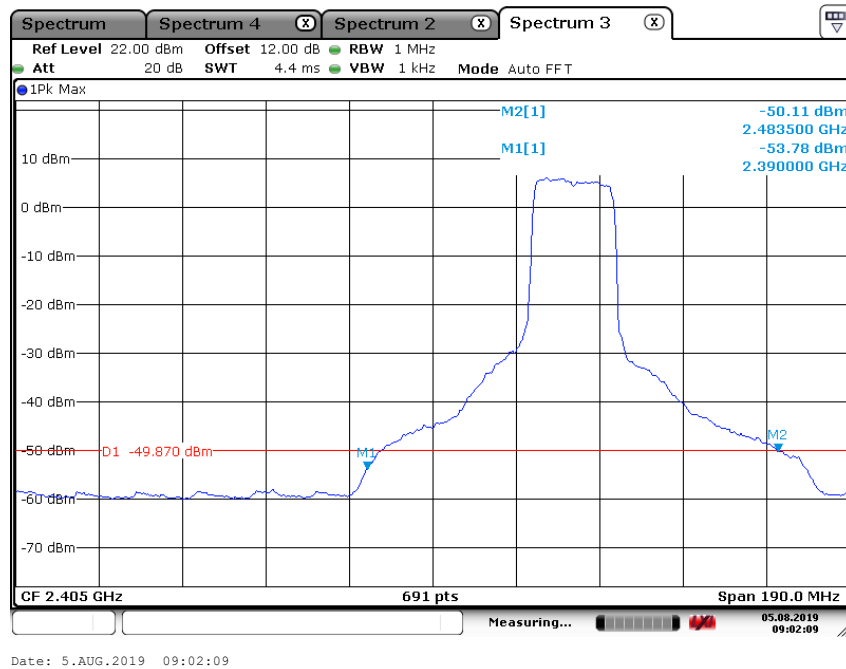
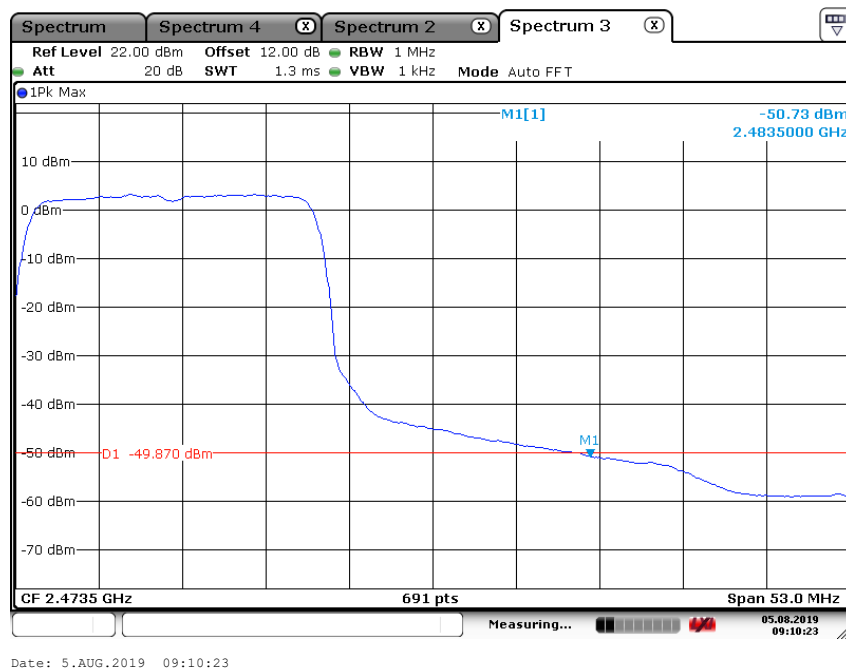


AV Limit-Beamforming:
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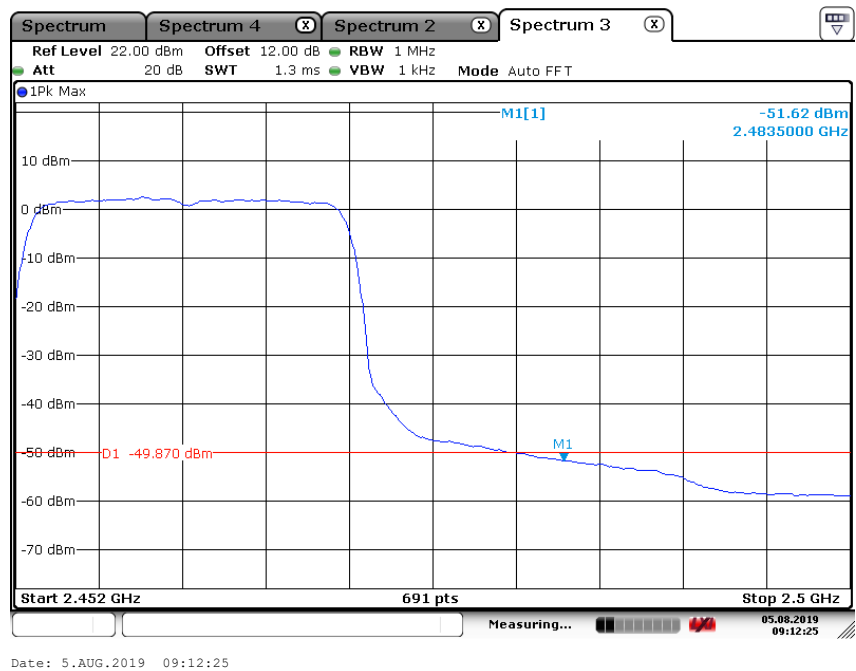


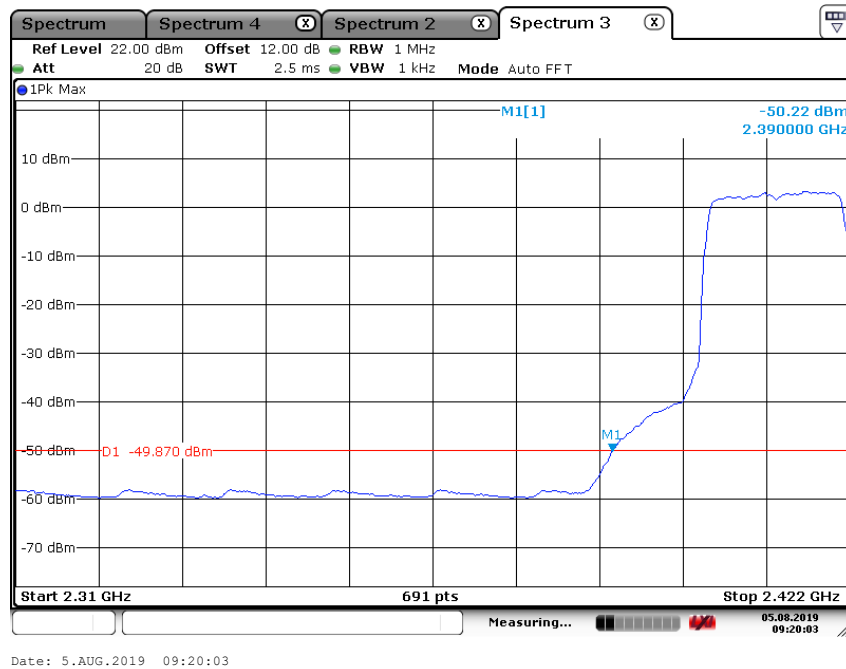
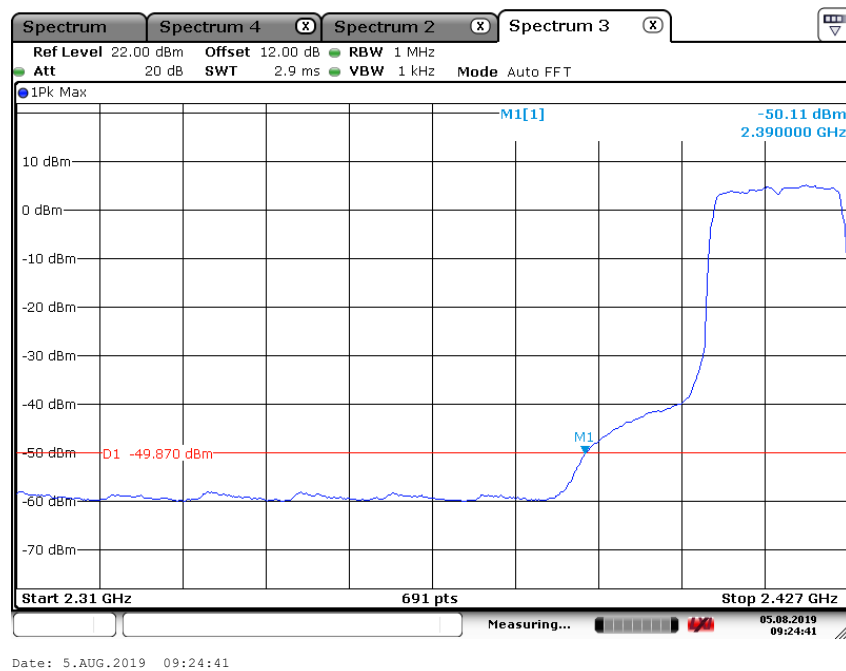
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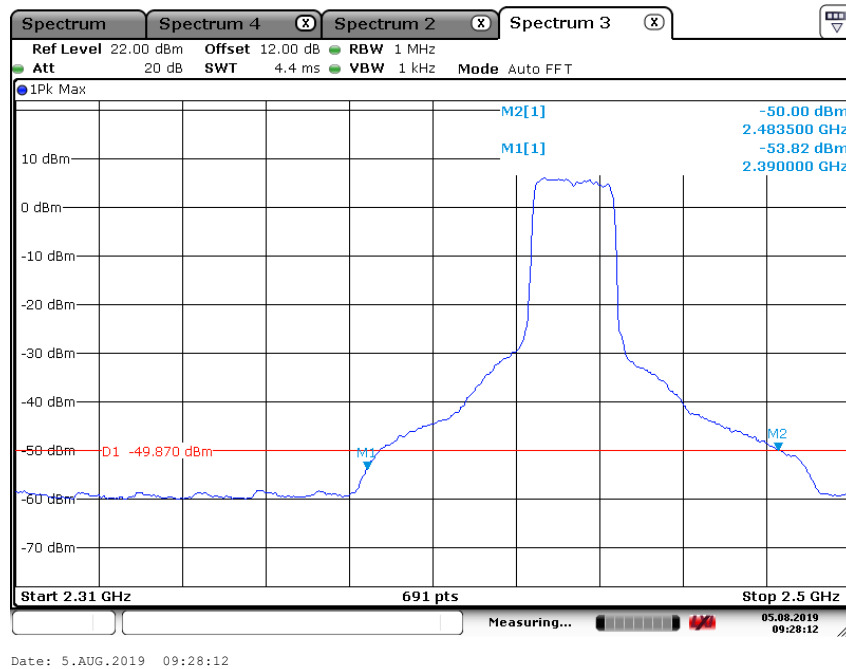
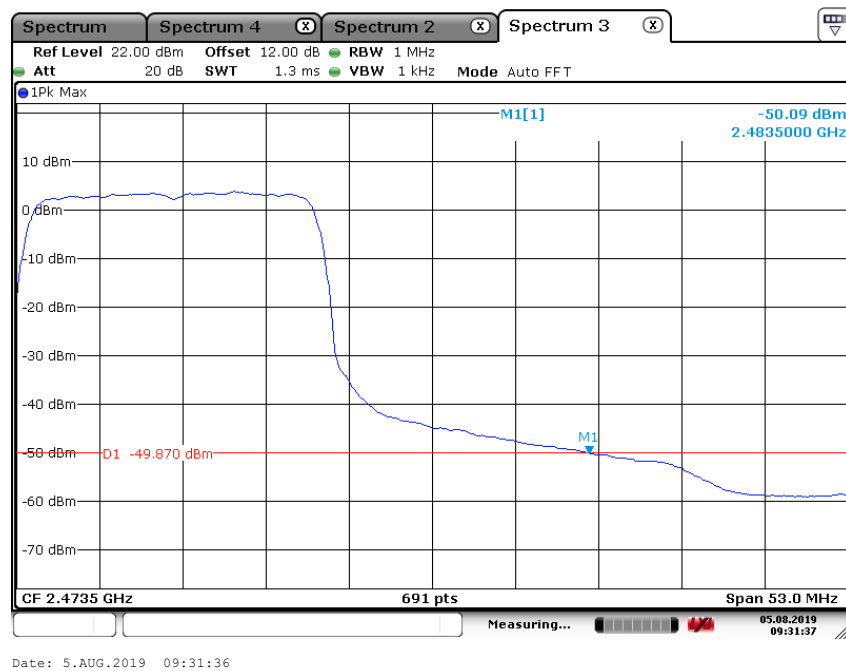


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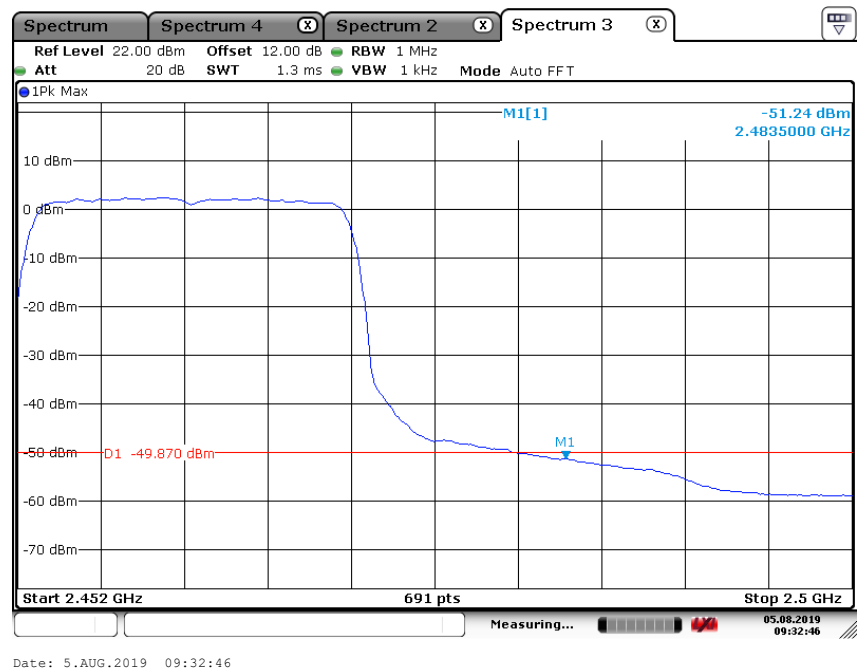
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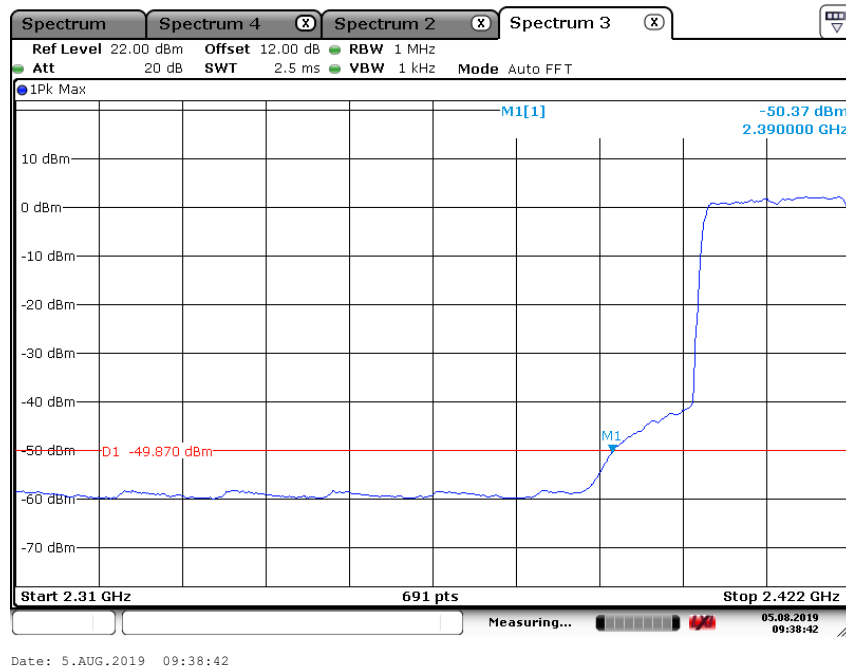
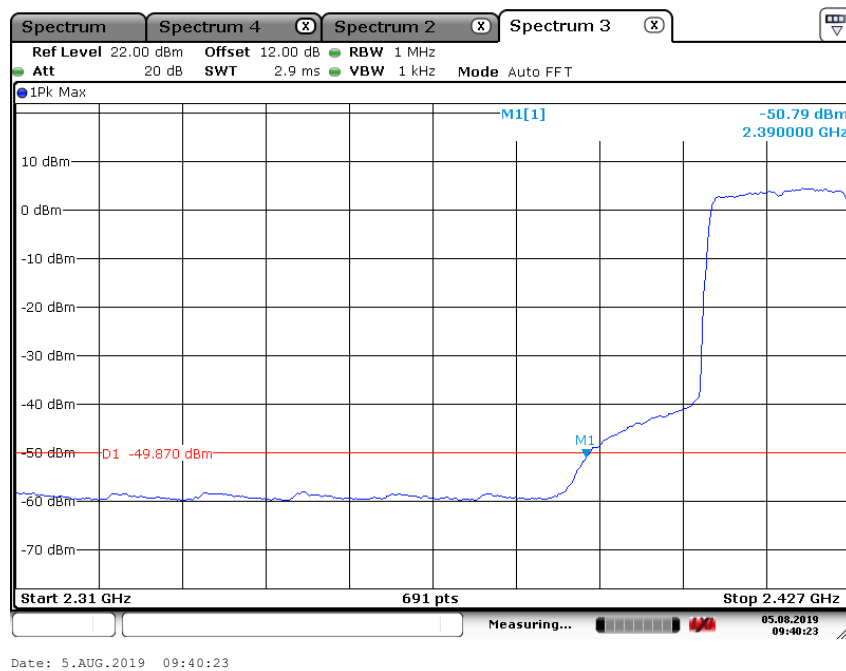


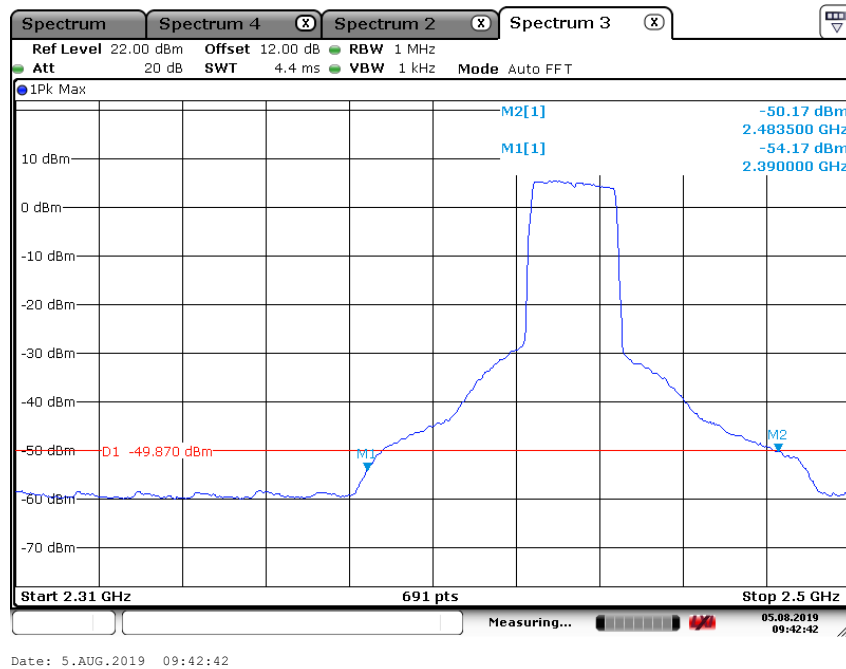
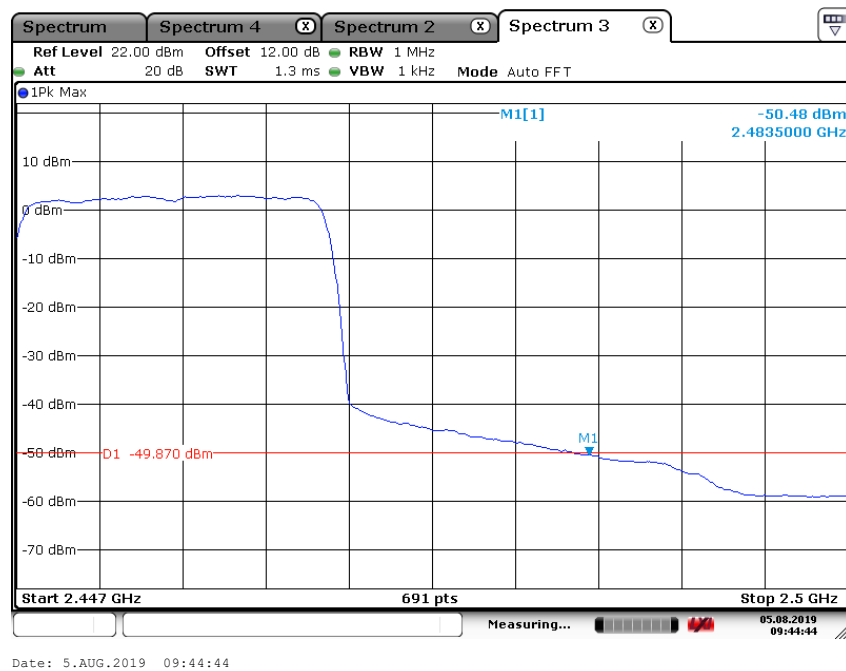
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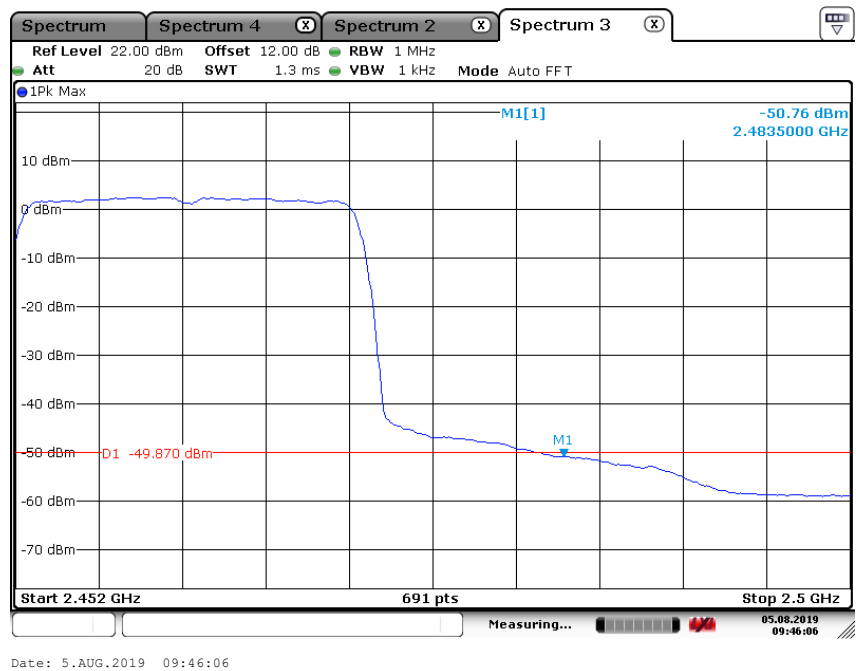
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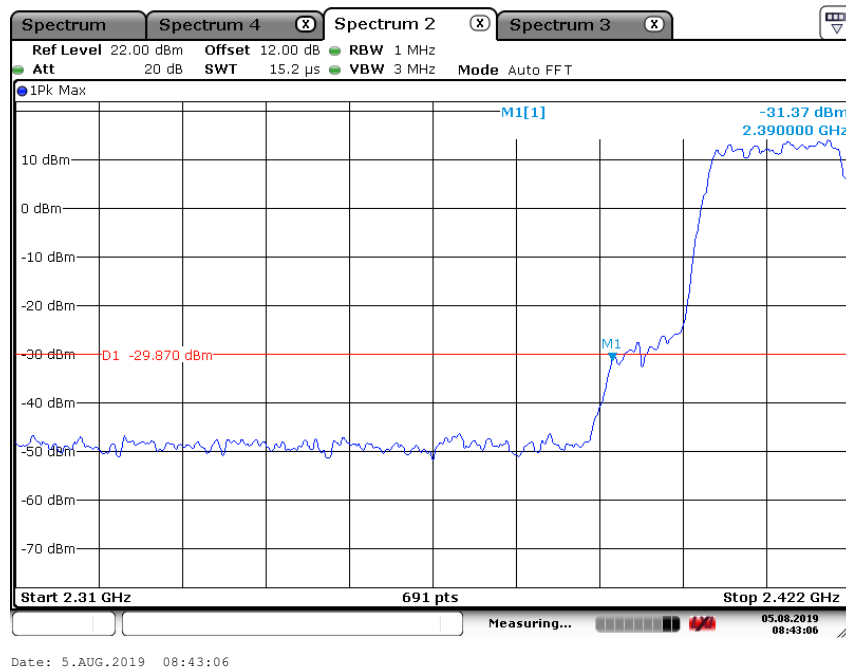
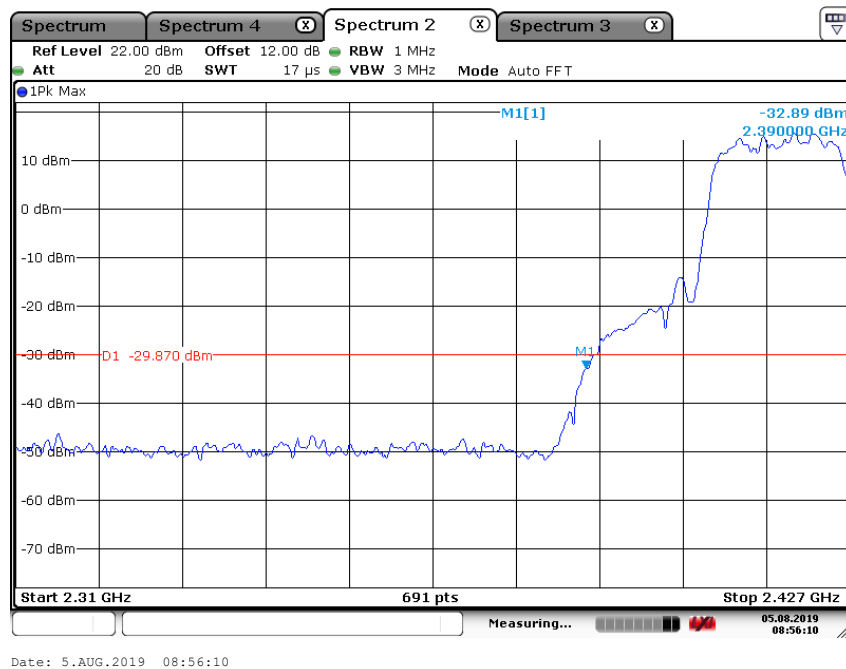


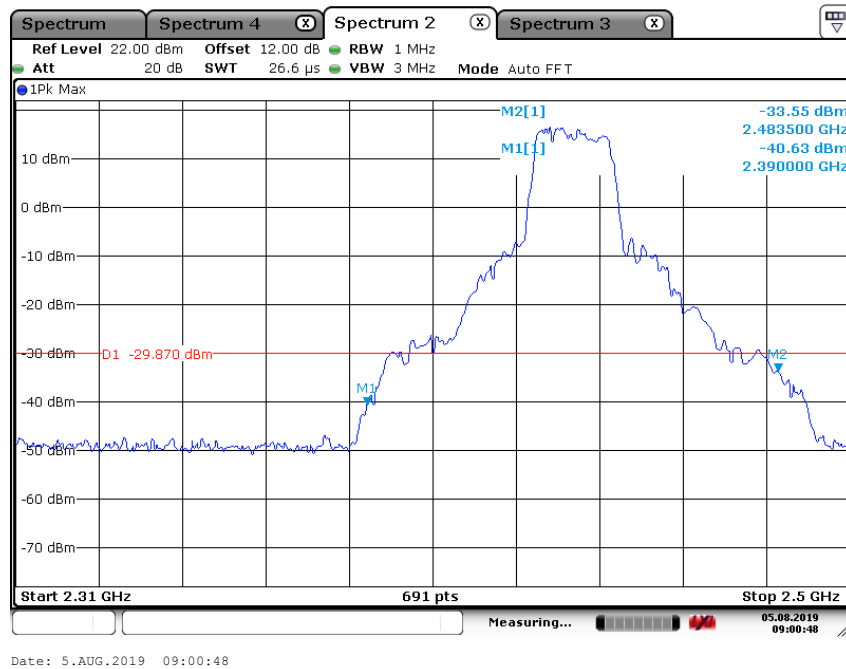
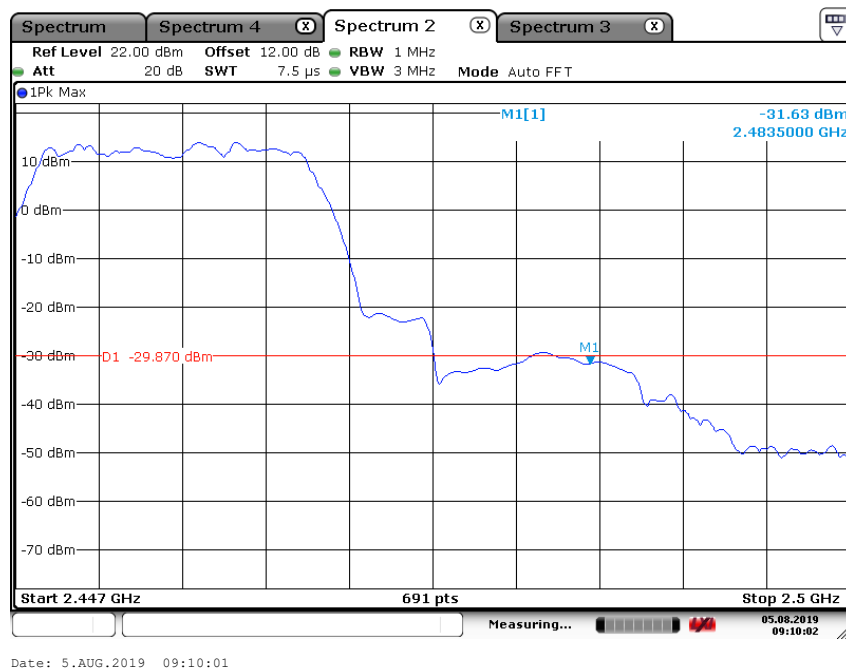
2412MHz by 802.11ax(20MHz):**2417MHz by 802.11ax(20MHz):**

2437MHz by 802.11ax(20MHz):**2457MHz by 802.11ax(20MHz):**

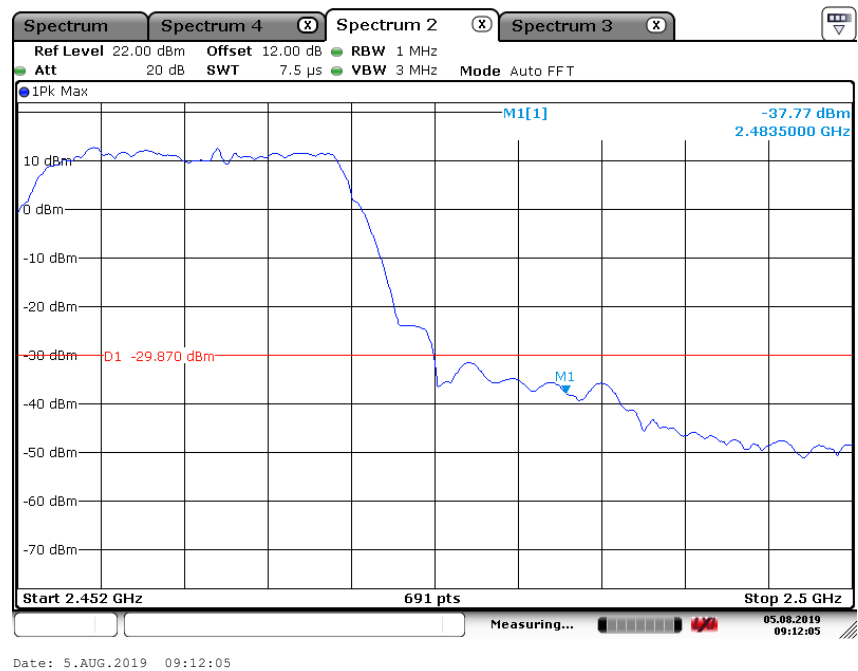
2462MHz by 802.11ax(20MHz):



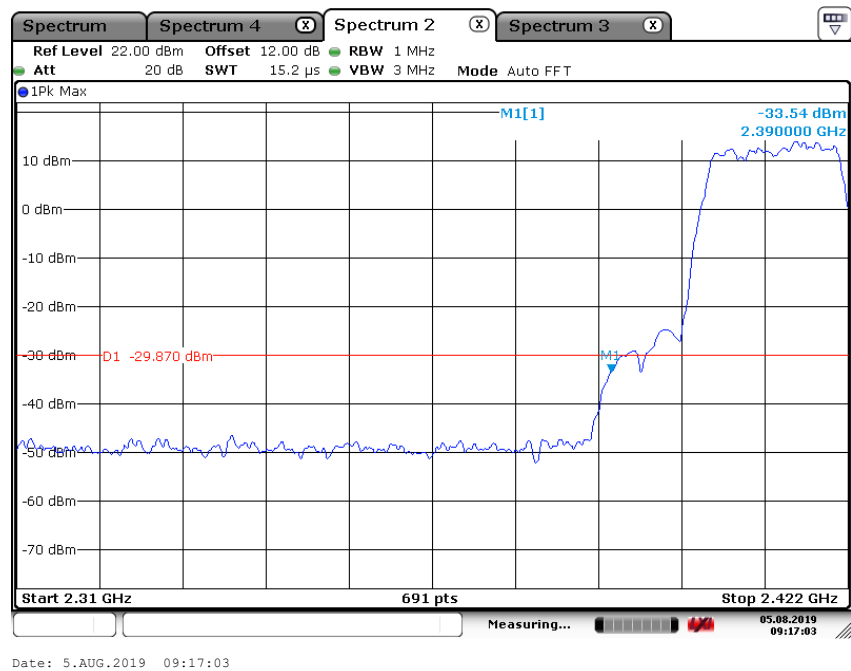
PK Limit-Beamforming**2412MHz by 802.11n(20MHz):****2417MHz by 802.11n(20MHz):**

2437MHz by 802.11n(20MHz):**2457MHz by 802.11n(20MHz):**

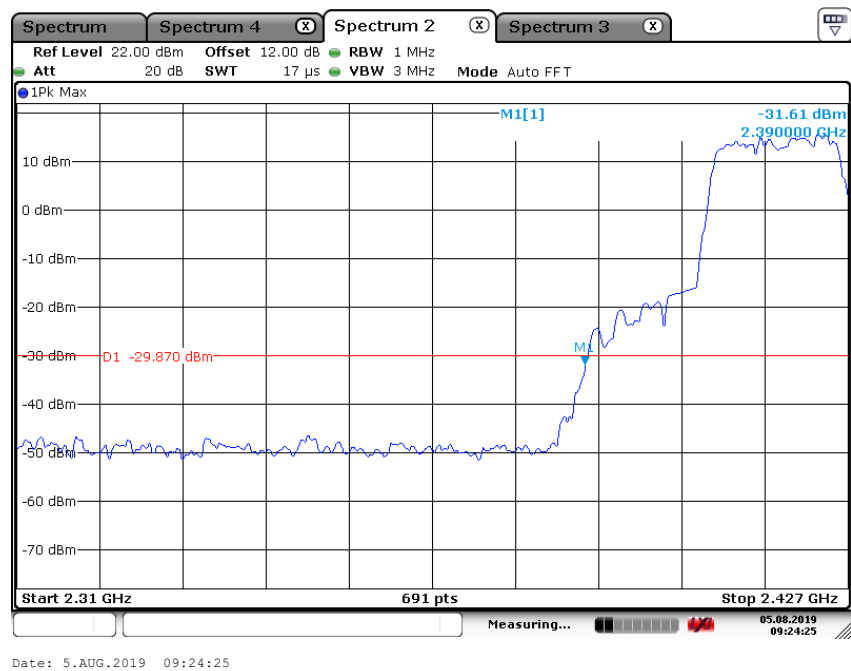
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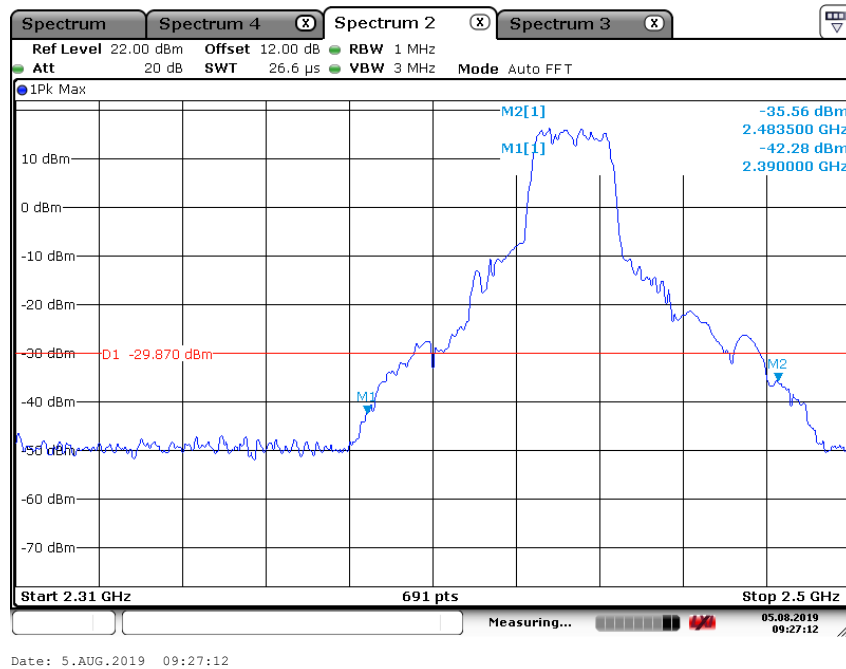
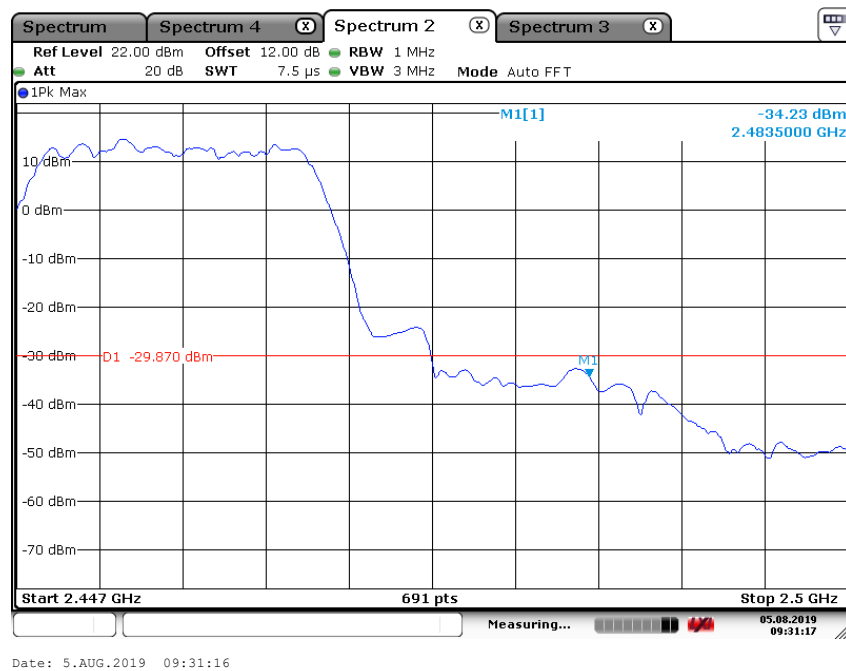


2412MHz by 802.11ac(20MHz):

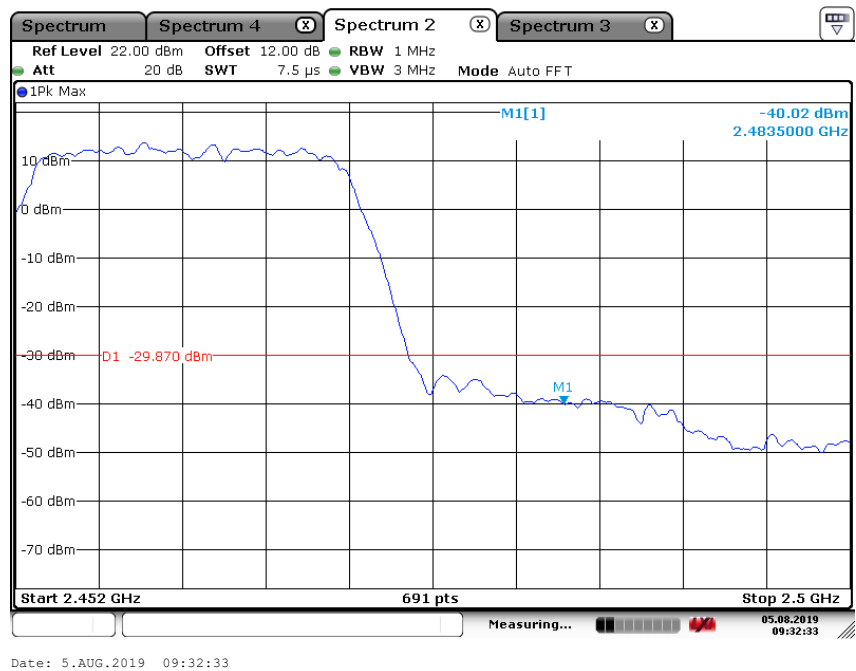


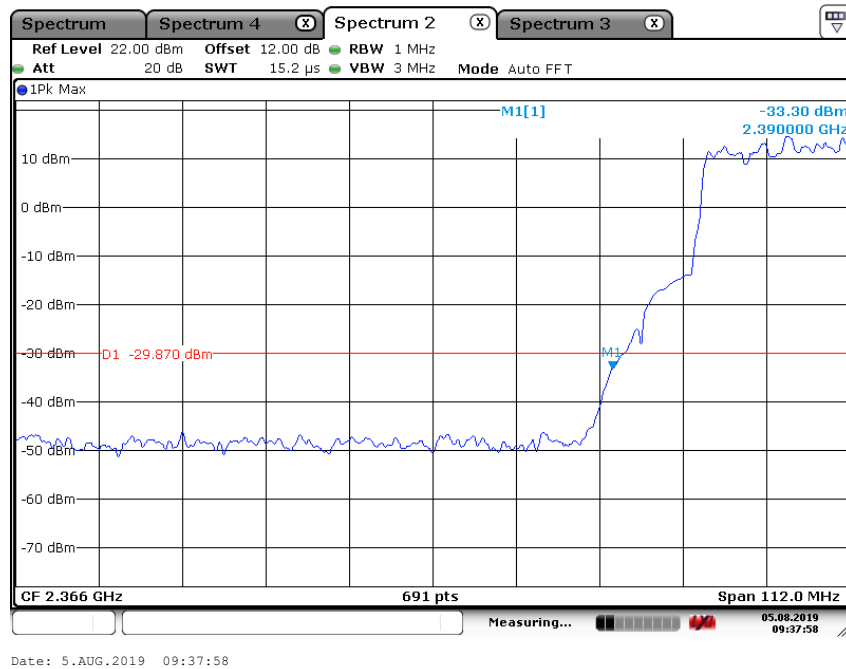
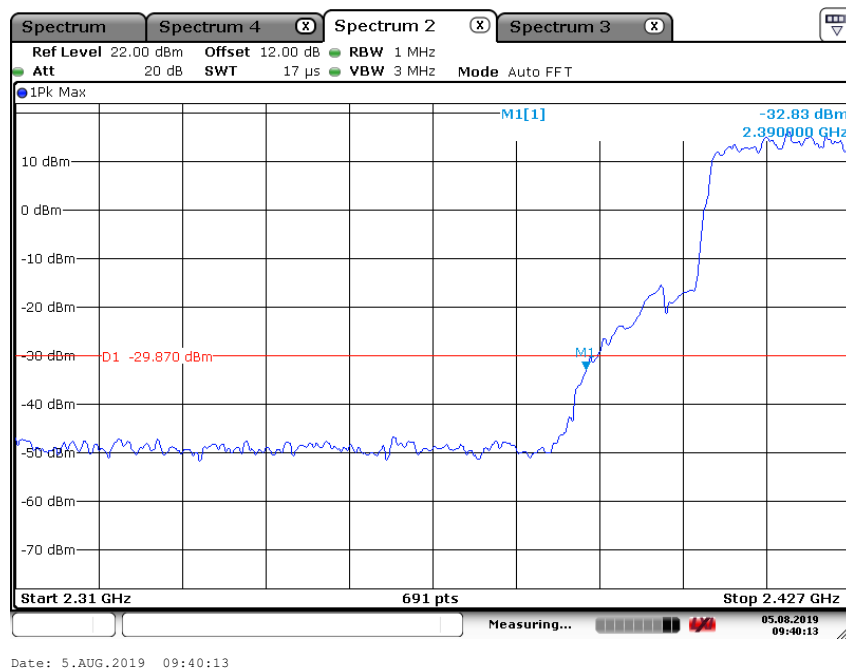
2417MHz by 802.11ac(20MHz):

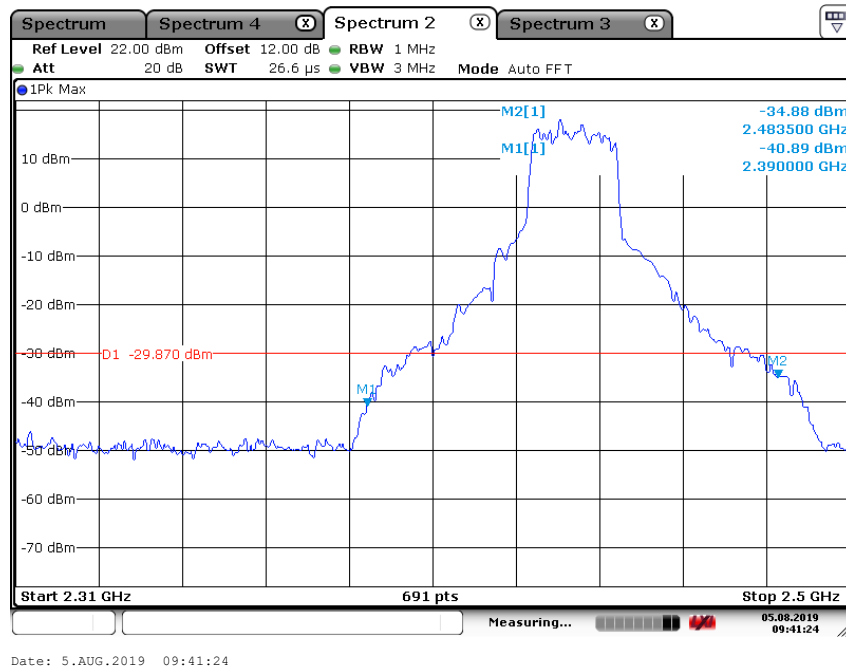
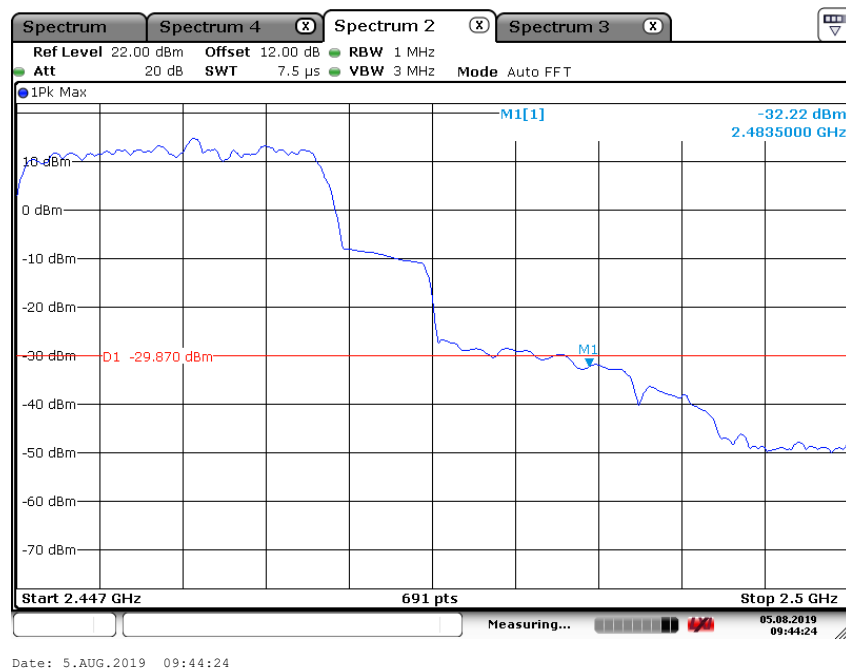


2437MHz by 802.11ac(20MHz):**2457MHz by 802.11ac(20MHz):**

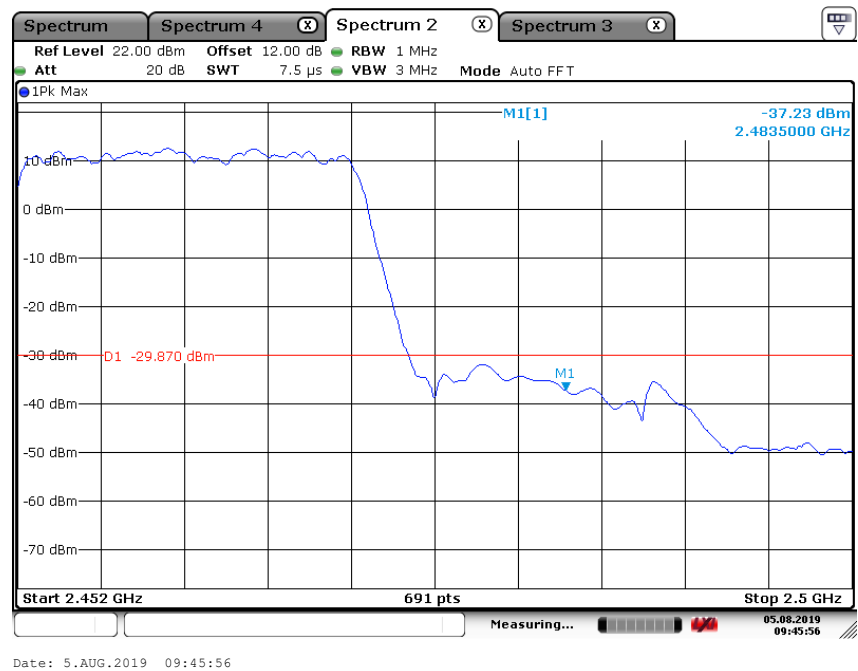
2462MHz by 802.11ac(20MHz):



2412MHz by 802.11ax(20MHz):**2417MHz by 802.11ax(20MHz):**

2437MHz by 802.11ax(20MHz):**2457MHz by 802.11ax(20MHz):**

2462MHz by 802.11ax(20MHz):

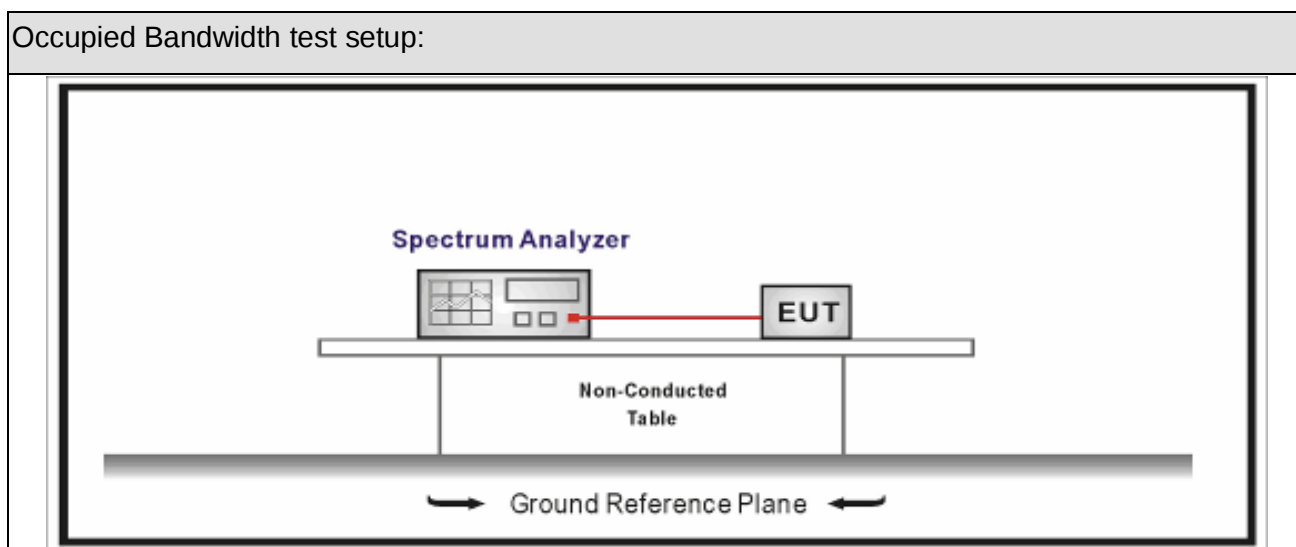


7. Occupied Bandwidth

7.1. Test Equipment

Occupied Bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2021.07.11	2022.07.10
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2021.08.12	2022.08.11
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2021.07.11	2022.07.10
Signal analyzer	R&S	FSV30	26/Apr/85	2021.11.18	2022.11.17
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2021.08.04	2022.08.03
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

7.2. Test Setup



7.3. Limit

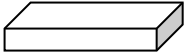
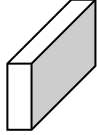
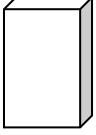
Occupied Bandwidth

Systems using digital modulation techniques operate in the 2400-2483.5 MHz. The minimum 6 dB bandwidth shall be at least 500 kHz

7.4. Test Procedure

Test Method				
	Reference Rule		Chapter	Description
☒	ANSI C63.10		11.8	DTS bandwidth
	☐	ANSI C63.10	11.8.1	Option 1
	☒	ANSI C63.10	11.8.2	Option 2

7.5. EUT test definition

Item	Occupied Bandwidth			
Device Category	☐	Fixed point-to-point		
	☐	Emit multiple directional beams, simultaneously or sequentially		
	☒	Other cases		
Test mode	Mode 1~5			
Test method	☐	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐
	☒	Conducted		
	☒	Chain 1		
				
	☒	Chain 1	Chain 2	
				
	☐	Chain 1	Chain 2	Chain 3
				

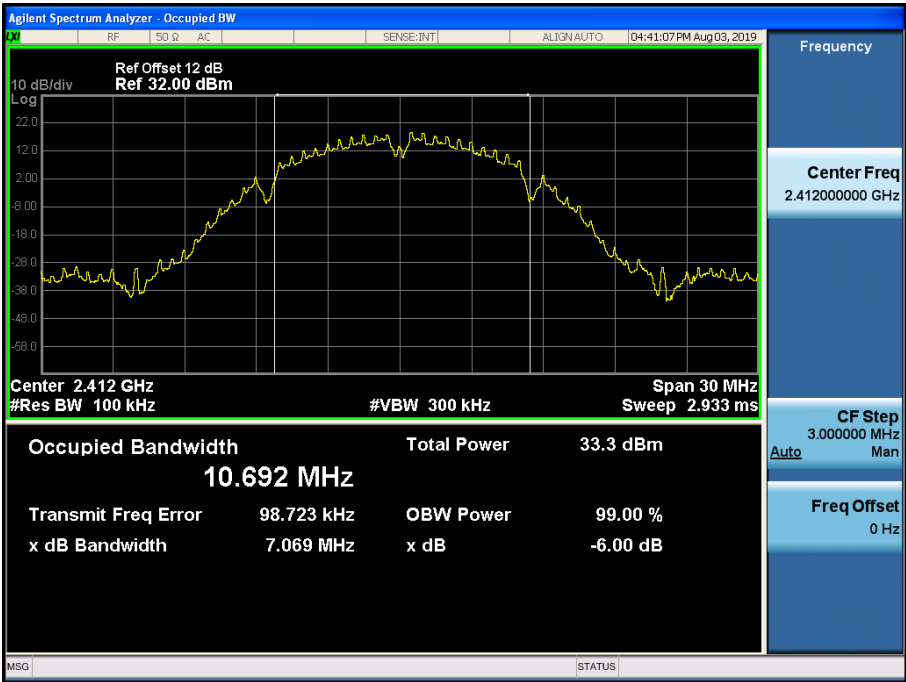
7.6. Test Result

Product Name	:	Wireless Access Point	Power	:	AC 120V/60Hz
Test Mode	:	Mode1~5	Test Site	:	TR8
Test Date	:	2019.07.09	Test Engineer	:	Eric

Mode	CH.	Test Freq. (MHz)	99% Occupied Bandwidth (MHz)	6dB Occupied Bandwidth (MHz)	Limit (kHz)	Result
1	01	2412	10.692	7.069	>500	Pass
1	06	2437	10.952	7.089	>500	Pass
1	11	2462	10.574	7.094	>500	Pass
2	01	2412	16.530	16.37	>500	Pass
2	06	2437	16.639	16.41	>500	Pass
2	11	2462	16.491	15.99	>500	Pass
3	01	2412	17.743	17.58	>500	Pass
3	06	2437	17.817	17.64	>500	Pass
3	11	2462	17.710	17.22	>500	Pass
4	01	2412	17.719	17.59	>500	Pass
4	06	2437	17.797	17.63	>500	Pass
4	11	2462	17.680	17.23	>500	Pass
5	01	2412	18.979	18.93	>500	Pass
5	06	2437	19.033	18.95	>500	Pass
5	11	2462	18.918	18.81	>500	Pass

Note : The worst case of Occupied Bandwidth as below in next page:

Mode 1 CH01 (2412MHz)



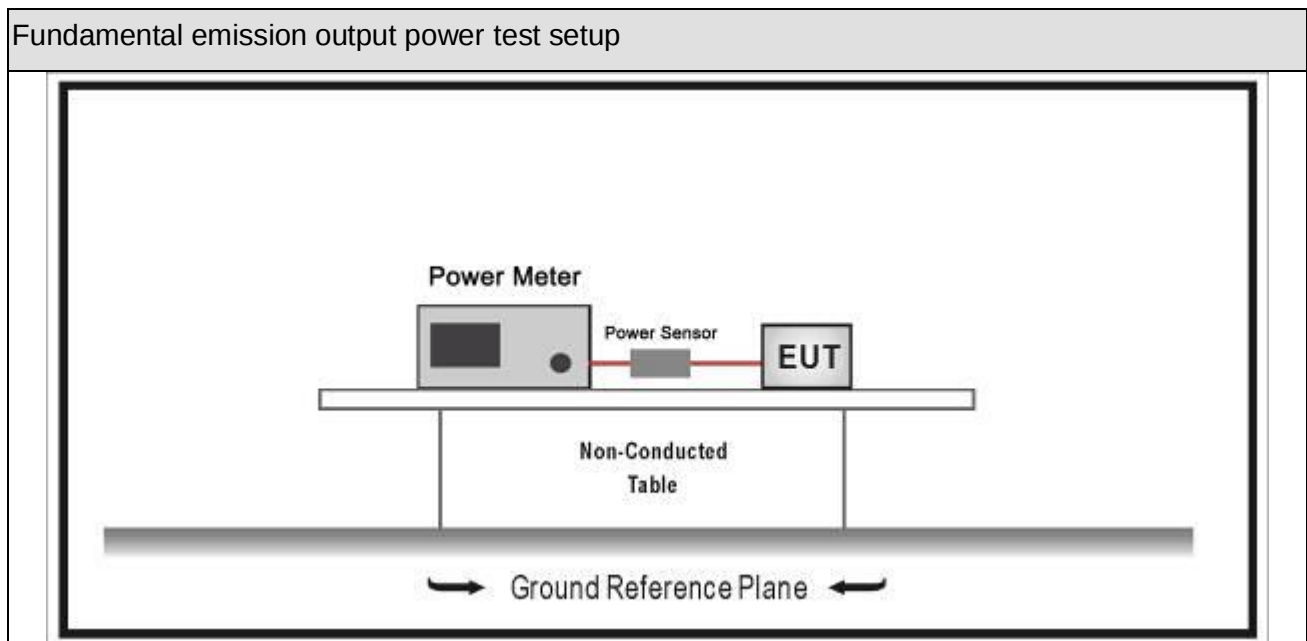
8. Fundamental emission output power

8.1. Test Equipment

Fundamental emission output power/ TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2021.07.11	2022.07.10
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2021.08.12	2022.08.11
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2021.07.11	2022.07.10
Signal analyzer	R&S	FSV30	26/Apr/85	2021.11.18	2022.11.17
4 Ch.Simultaneous Sampling 14 Bits 2 MS/s	Agilent	U2531A	TW54063507	N/A	N/A
4 Ch.Simultaneous Sampling 14 Bits 2 MS/s	Agilent	U2531A	TW54063513	N/A	N/A
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2021.08.04	2022.08.03

Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

8.2. Test Setup



8.3. Limit

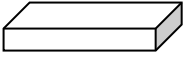
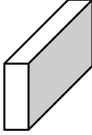
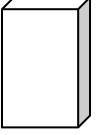
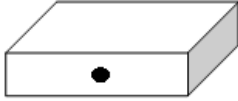
Fundamental emission output power Limit		
☒	$G_{TX} < 6\text{dBi}$	$P_{out} \leq 30\text{dBm}$
☐	$G_{TX} > 6\text{dBi}$	
☐	Non-Fix point-point	$P_{out} \leq 30 - (G_{TX} - 6)$
☐	Fix point-point	$P_{out} \leq 30 - [(G_{TX} - 6)]/3$
☐	Point-to-multipoint	$P_{out} \leq 30 - (G_{TX} - 6)$
☐	Overlap Beams	$P_{out} \leq 30 - [(G_{TX} - 6)]/3$
☐	Aggregate power transmitted simultaneously on all beams	$P_{out} \leq 30 - [(G_{TX} - 6)]/3$
☐	single directional beam	$P_{out} \leq 30 - [(G_{TX} - 6)]/3 + 8\text{dB}$
Note 1 : G_{TX} directional gain of transmitting antennas. Note 2 : P_{out} is maximum peak conducted output power .		

8.4. Test Procedure

Fundamental emission output power Test Method						
	References Rule			Chapter	Description	
☒	ANSI C63.10			11.9	Fundamental emission output power	
	☐	ANSI C63.10		11.9.1	Maximum peak conducted output power	
		☐	ANSI C63.10	11.9.1.1	RBW ≥ DTS bandwidth	
		☐	ANSI C63.10	11.9.1.2	Integrated band power method	
		☐	ANSI C63.10	11.9.1.3	PKPM1 Peak power meter method	
	☒	ANSI C63.10		11.9.2	Maximum conducted (average) output power	
		☐	ANSI C63.10		11.9.2.2	Measurement using a spectrum analyzer (SA)
			☐	ANSI C63.10	11.9.2.2.2	Method AVGSA-1(Duty cycle ≥ 98%)
			☐	ANSI C63.10	11.9.2.2.3	Method AVGSA-1A(Duty cycle ≥ 98%)
			☐	ANSI C63.10	11.9.2.2.4	Method AVGSA-2(Duty cycle ≤ 98%)
			☐	ANSI C63.10	11.9.2.2.5	Method AVGSA-2A(Duty cycle ≤ 98%)
			☐	ANSI C63.10	11.9.2.2.4	Method AVGSA-3
			☐	ANSI C63.10	11.9.2.2.5	Method AVGSA-3A
		☒	ANSI C63.10		11.9.2.3	Measurement using a power meter (PM)
			☒	ANSI C63.10	11.9.2.3.1	Method AVGPM
			☐	ANSI C63.10	11.9.2.3.2	Method AVGPM-G

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)e)	Spatial Multiplexing
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☒	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☐	KDB 662911	F2)f) (i)	Antennas have the same gain
	☒	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (iii)	Antenna have the different gain with more than one spatial stream

8.5. EUT test definition

Item	Fundamental emission output power			
Device Category	☐	Fixed point-to-point		
	☐	Emit multiple directional beams, simultaneously or sequentially		
	☒	Other cases		
Test mode	Mode 1~5			
Test method	☐	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐
	☒	Conducted		
	☒	Chain 1		
				
	☒	Chain 1	Chain 2	
				
	☐	Chain 1	Chain 2	Chain 3
				

8.6. Test Result

Product Name	:	Wireless Access Point	Power	:	AC 120V/60Hz
Test Mode	:	Mode1~3	Test Site	:	TR8
Test Date	:	2019.08.01	Test Engineer	:	Eric

SISO:

Mode	Channel	Test Frequency (MHz)	Conducted Power Output (dBm)		Limit (dBm)	Result
			Ant 1	Ant 2		
1	01	2412	18.58	18.85	30	Pass
1	02	2417	18.84	18.79	30	Pass
1	06	2437	19.19	18.66	30	Pass
1	10	2457	18.84	18.95	30	Pass
1	11	2462	18.96	18.85	30	Pass
2	01	2412	17.38	17.87	30	Pass
2	02	2417	18.21	19.62	30	Pass
2	06	2437	18.96	19.51	30	Pass
2	10	2457	18.77	19.92	30	Pass
2	11	2462	16.22	16.03	30	Pass
3	01	2412	17.43	18.52	30	Pass
3	02	2417	18.29	19.85	30	Pass
3	06	2437	18.83	19.71	30	Pass
3	10	2457	18.32	19.12	30	Pass
3	11	2462	16.64	15.65	30	Pass

4	01	2412	17.12	18.21	30	Pass
4	02	2417	18.47	19.78	30	Pass
4	06	2437	19.01	19.73	30	Pass
4	10	2457	18.74	18.62	30	Pass
4	11	2462	16.32	15.83	30	Pass
5	01	2412	17.61	18.07	30	Pass
5	02	2417	18.66	20.15	30	Pass
5	06	2437	19.18	19.94	30	Pass
5	10	2457	17.93	18.07	30	Pass
5	11	2462	16.69	16.18	30	Pass

Mode	Channel	Test Frequency (MHz)	E.I.R.P (dBm)		Limit (dBm)	Result
			Ant 1	Ant 2		
1	01	2412	21.25	21.22	36	Pass
1	02	2417	21.51	21.16	36	Pass
1	06	2437	21.86	21.03	36	Pass
1	10	2457	21.51	21.32	36	Pass
1	11	2462	21.63	21.22	36	Pass
2	01	2412	20.05	20.24	36	Pass
2	02	2417	20.88	21.99	36	Pass
2	06	2437	21.63	21.88	36	Pass
2	10	2457	21.44	22.29	36	Pass
2	11	2462	18.89	18.40	36	Pass
3	01	2412	20.10	20.89	36	Pass
3	02	2417	20.96	22.22	36	Pass
3	06	2437	21.50	22.08	36	Pass
3	10	2457	20.99	21.49	36	Pass
3	11	2462	19.31	18.02	36	Pass
4	01	2412	19.79	20.58	36	Pass
4	02	2417	21.14	22.15	36	Pass
4	06	2437	21.68	22.10	36	Pass
4	10	2457	21.41	20.99	36	Pass

4	11	2462	18.99	18.20	36	Pass
5	01	2412	20.28	20.44	36	Pass
5	02	2417	21.33	22.52	36	Pass
5	06	2437	21.85	22.31	36	Pass
5	10	2457	20.60	20.44	36	Pass
5	11	2462	19.36	18.55	36	Pass

CDD:

Mode	Channel	Test Frequency (MHz)	Conducted Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
			Ant 1	Ant 2			
1	01	2412	18.71	18.88	21.81	30	Pass
1	02	2417	18.68	18.89	21.80	30	Pass
1	06	2437	19.15	18.68	21.93	30	Pass
1	10	2457	18.79	19.02	21.92	30	Pass
1	11	2462	18.73	18.65	21.70	30	Pass
2	01	2412	15.71	16.89	19.35	30	Pass
2	02	2417	18.17	19.68	22.00	30	Pass
2	06	2437	18.91	19.45	22.20	30	Pass
2	10	2457	16.12	17.36	19.79	30	Pass
2	11	2462	14.41	15.31	17.89	30	Pass
3	01	2412	16.03	17.38	19.77	30	Pass
3	02	2417	18.12	19.56	21.91	30	Pass
3	06	2437	18.87	19.65	22.29	30	Pass
3	10	2457	16.15	17.38	19.82	30	Pass
3	11	2462	14.19	15.17	17.72	30	Pass
4	01	2412	16.51	17.87	20.25	30	Pass
4	02	2417	18.37	19.83	22.17	30	Pass
4	06	2437	18.98	19.73	22.38	30	Pass

4	10	2457	16.15	17.54	19.91	30	Pass
4	11	2462	14.44	15.43	17.97	30	Pass
5	01	2412	16.33	17.62	20.03	30	Pass
5	02	2417	18.68	20.02	22.41	30	Pass
5	06	2437	19.27	19.93	22.62	30	Pass
5	10	2457	16.46	17.72	20.15	30	Pass
5	11	2462	14.71	15.75	18.27	30	Pass

Mode	Channel	Test Frequency (MHz)	E.I.R.P (dBm)	Limit (dBm)	Result
1	01	2412	21.25	36	Pass
1	02	2417	21.26	36	Pass
1	06	2437	21.05	36	Pass
1	10	2457	21.39	36	Pass
1	11	2462	21.02	36	Pass
2	01	2412	19.26	36	Pass
2	02	2417	22.05	36	Pass
2	06	2437	21.82	36	Pass
2	10	2457	19.73	36	Pass
2	11	2462	17.68	36	Pass
3	01	2412	19.75	36	Pass
3	02	2417	21.93	36	Pass
3	06	2437	22.02	36	Pass
3	10	2457	19.75	36	Pass
3	11	2462	17.54	36	Pass
4	01	2412	20.24	36	Pass
4	02	2417	22.20	36	Pass
4	06	2437	22.10	36	Pass
4	10	2457	19.91	36	Pass

4	11	2462	17.80	36	Pass
5	01	2412	19.99	36	Pass
5	02	2417	22.39	36	Pass
5	06	2437	22.30	36	Pass
5	10	2457	20.09	36	Pass
5	11	2462	18.12	36	Pass

Beamforming:

Mode	Channel	Test Frequency (MHz)	Peak Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
			Ant 1	Ant 2			
3	01	2412	16.19	17.22	19.75	30	Pass
3	02	2417	18.01	19.37	21.75	30	Pass
3	06	2437	18.67	19.42	22.07	30	Pass
3	10	2457	16.31	17.28	19.83	30	Pass
3	11	2462	14.39	15.72	18.12	30	Pass
4	01	2412	16.23	17.71	20.04	30	Pass
4	02	2417	18.09	19.77	22.02	30	Pass
4	06	2437	18.82	19.66	22.27	30	Pass
4	10	2457	16.23	17.17	19.74	30	Pass
4	11	2462	14.39	15.62	18.06	30	Pass
5	01	2412	16.22	17.48	19.91	30	Pass
5	02	2417	18.52	19.92	22.29	30	Pass
5	06	2437	19.33	19.76	22.56	30	Pass
5	10	2457	16.54	17.61	20.12	30	Pass
5	11	2462	14.58	15.68	18.18	30	Pass

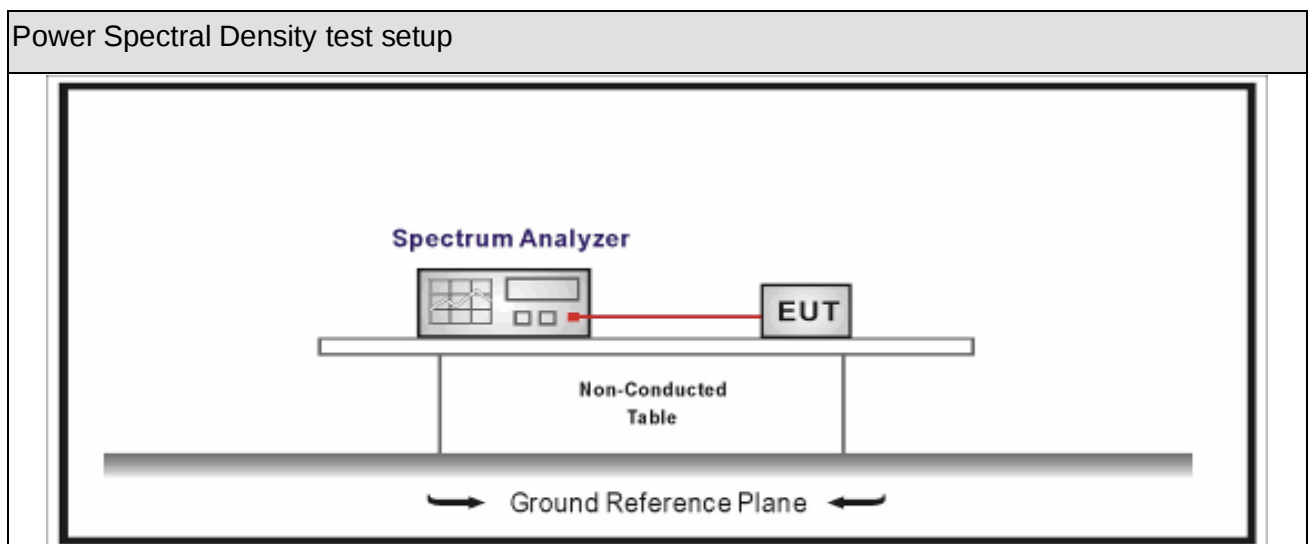
Mode	Channel	Test Frequency (MHz)	E.I.R.P (dBm)	Limit (dBm)	Result
3	01	2412	22.25	36	Pass
3	02	2417	24.25	36	Pass
3	06	2437	24.58	36	Pass
3	10	2457	22.34	36	Pass
3	11	2462	20.62	36	Pass
4	01	2412	22.54	36	Pass
4	02	2417	24.51	36	Pass
4	06	2437	24.78	36	Pass
4	10	2457	22.24	36	Pass
4	11	2462	20.56	36	Pass
5	01	2412	22.41	36	Pass
5	02	2417	24.79	36	Pass
5	06	2437	25.08	36	Pass
5	10	2457	22.62	36	Pass
5	11	2462	20.68	36	Pass

9. Power Spectral Density

9.1. Test Equipment

Power Spectral Density / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2021.07.11	2022.07.10
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2021.08.12	2022.08.11
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2021.07.11	2022.07.10
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2021.08.04	2022.08.03
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

9.2. Test Setup



9.3. Limit

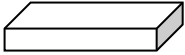
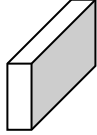
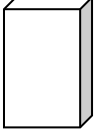
Power Spectral Density Limit
Power Spectral Density $\leq 8\text{dBm}/3\text{kHz}$

9.4. Test Procedure

Power Spectral Density Test Method				
	References Rule		Chapter	Description
☒	ANSI C63.10		11.10	Maximum power spectral density level in the fundamental emission
	☐	ANSI C63.10	11.10.2	Method PKPSD (peak PSD)
	☒	ANSI C63.10	11.10.3	Method AVGPSD-1(Duty cycle $\geq$ 98%)
	☐	ANSI C63.10	11.10.4	Method AVGPSD-1A(Duty cycle $\geq$ 98%)
	☒	ANSI C63.10	11.10.5	Method AVGPSD-2(Duty cycle $<$ 98%)
	☐	ANSI C63.10	11.10.6	Method AVGPSD-2A(Duty cycle $<$ 98%)
	☐	ANSI C63.10	11.10.7	Method AVGPSD-3
	☐	ANSI C63.10	11.10.8	Method AVGPSD-3A

Directional Gain Calculations for In-Band test method				
	Referred Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☒	KDB 662911		F2)e)	Spatial Multiplexing
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☒	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☐	KDB 662911	F2)f) (i)	Antennas have the same gain
	☒	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (iii)	Antenna have the different gain with more than one spatial stream

9.5. EUT test definition

Item	Power Spectral Density Test Method			
Device Category	☐	Fixed point-to-point		
	☐	Emit multiple directional beams, simultaneously or sequentially		
	☒	Other cases		
Test mode	Mode 1~5			
Test method	☐	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐
	☒	Conducted		
	☒	Chain 1		
				
	☒	Chain 1	Chain 2	
				
	☐	Chain 1	Chain 2	Chain 3
				

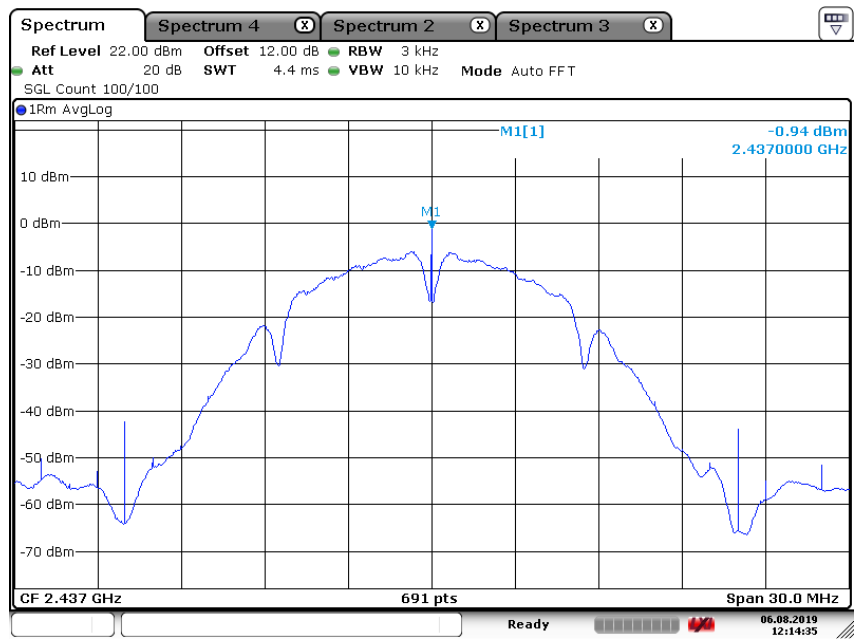
9.6. Test Result

Product Name	:	Wireless Access Point	Power	:	AC 120V/60Hz
Test Mode	:	Mode1~5	Test Site	:	TR8
Test Date	:	2019.08.06	Test Engineer	:	Eric

SISO

Mode	Channel	Test Frequency (MHz)	Measurement PSD (dBm/3kHz)		Duty factor	Limit (dBm/3kHz)	Result
			Ant 1	Ant 2			
1	01	2412	-5.88	-1.09	0	8.0	Pass
1	06	2437	-5.06	-0.94	0	8.0	Pass
1	11	2462	-5.05	-1.02	0	8.0	Pass
2	01	2412	-15.27	-15.87	0.29	8.0	Pass
2	06	2437	-13.73	-13.58	0.29	8.0	Pass
2	11	2462	-16.18	-17.40	0.29	8.0	Pass
3	01	2412	-14.92	-15.37	0.28	8.0	Pass
3	06	2437	-13.99	-14.62	0.28	8.0	Pass
3	11	2462	-16.98	-18.01	0.28	8.0	Pass
4	01	2412	-15.78	-15.49	0.11	8.0	Pass
4	06	2437	-13.67	-14.37	0.11	8.0	Pass
4	11	2462	-17.43	-18.55	0.11	8.0	Pass
5	01	2412	-16.01	-16.24	0.21	8.0	Pass
5	06	2437	-14.52	-14.80	0.21	8.0	Pass
5	11	2462	-17.98	-18.57	0.21	8.0	Pass

Mode 1 CH06(2437MHz) Ant 2

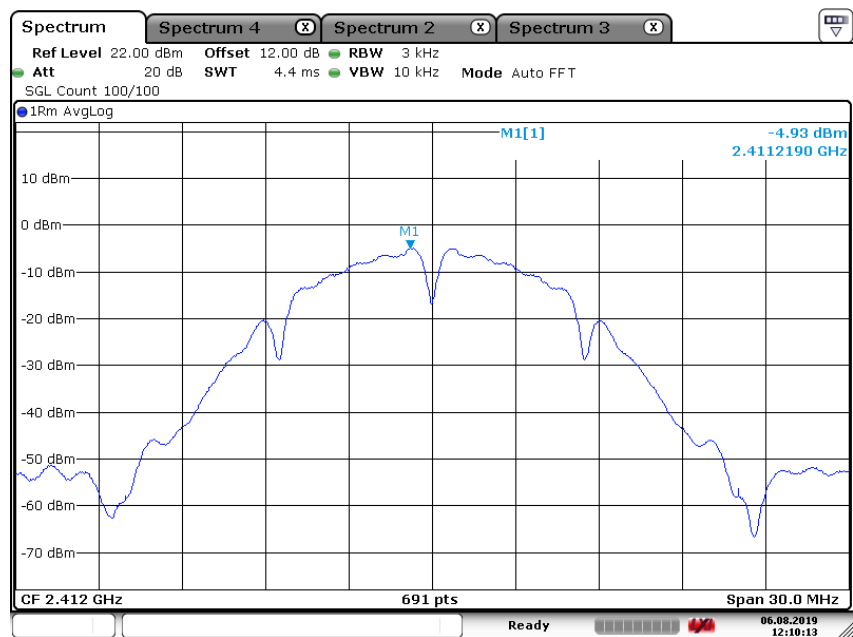


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CDD

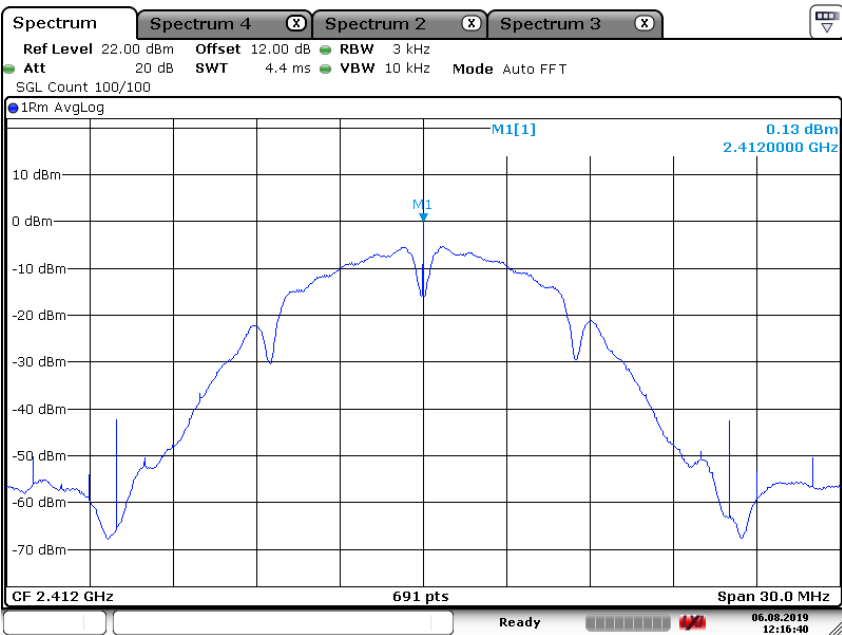
Mode	Channel	Test Frequency (MHz)	Measurement PSD (dBm/3kHz)		Duty Factor	Total Measurement PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
			Ant 1	Ant 2				
1	01	2412	-4.93	0.13	0	1.31	8.0	Pass
1	06	2437	-4.23	-0.50	0	1.03	8.0	Pass
1	11	2462	-4.47	-0.84	0	0.72	8.0	Pass
2	01	2412	-17.88	-17.33	0.29	-14.30	8.0	Pass
2	06	2437	-14.36	-13.55	0.29	-10.64	8.0	Pass
2	11	2462	-18.75	-18.35	0.29	-15.25	8.0	Pass
3	01	2412	-17.54	-16.84	0.28	-13.89	8.0	Pass
3	06	2437	-14.51	-14.65	0.28	-11.29	8.0	Pass
3	11	2462	-19.23	-19.01	0.28	-15.83	8.0	Pass
4	01	2412	-17.00	-16.67	0.11	-13.71	8.0	Pass
4	06	2437	-13.73	-14.24	0.11	-10.86	8.0	Pass
4	11	2462	-18.86	-18.58	0.11	-15.60	8.0	Pass
5	01	2412	-17.69	-17.49	0.21	-14.37	8.0	Pass
5	06	2437	-14.79	-14.38	0.21	-11.36	8.0	Pass
5	11	2462	-18.91	-18.61	0.21	-15.54	8.0	Pass

Mode 1 CH01(2412MHz) Ant 1



Date: 6.AUG.2019 12:10:13

Mode 1 CH01(2412MHz) Ant 2



Date: 6.AUG.2019 12:16:40

10. Antenna Requirement

10.1. Limit

Antenna Requirement Limit	
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.	

10.2. Antenna Connector Construction

Antenna Connector Construction	
☒	The use of a permanently attached antenna
☐	The antenna use of a unique coupling to the intentional radiator
☐	The use of a nonstandard antenna jack or electrical connector
Please refer to the attached document "Internal Photograph" to show the antenna connector.	

_____ The End _____